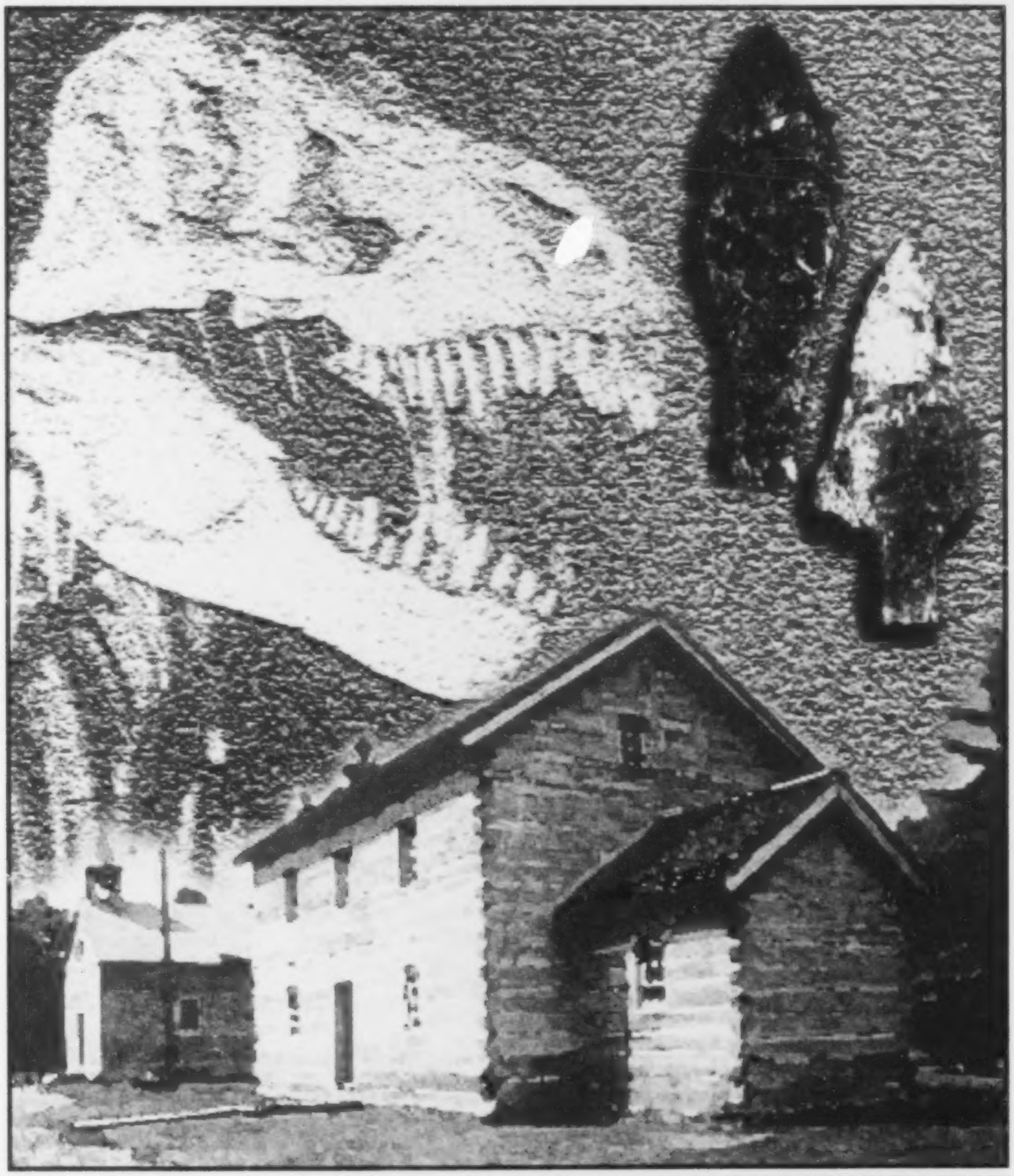
Public Version

Listing of Significant Historical Sites and Areas

By Meridian • Township • Range • Section

FOURTH EDITION

Updated to January 1, 2003



Cultural Facilities and
Historical Resources
Division

Alberta
COMMUNITY DEVELOPMENT

Copyright of the *Listing of Significant Historical Sites and Areas (4^{th} edition)*, whether in print or electronic format, belongs to Alberta Community Development, Cultural Facilities and Historical Resources Division. No person may reproduce copies of the *Listing of Significant Historical Sites and Areas (4^{th} edition)*, for any purpose without prior written consent of Alberta Community Development, Cultural Facilities and Historical Resources Division.

Official copies of the *Listing of Significant Historical Sites and Areas (4^{th} edition)* are available in print and electronic format from:

Alberta Queen's Printer
Park Plaza, 10611 – 98 Avenue
Edmonton, Alberta T5K 2P7
Phone: (780) 427-4952 Fax: (780) 452-0668
Internet: www.gov.ab.ca/qp

Cover page design by Eduard Wiens
Historic Sites and Cultural Facilities, Alberta Community Development

Alberta
COMMUNITY DEVELOPMENT

Cultural Facilities and
Historical Resources

Heritage Resource Management

Old St. Stephen's College
8820 - 112 Street
Edmonton, Alberta
Canada T6G 2P8

Telephone 780/431-2300
Fax 780/427-5598

June 19, 2003

It is my pleasure to announce the completion of the 4th edition of the *Listing of Significant Historical Sites and Areas*. This edition is to be implemented for regulatory approval process starting on July 1, 2003. The major focus of the 4th edition is the incremental implementation of the second phase of the historical resources management program for the petroleum and natural gas industry and the conduct of pilot studies to identify the most efficient and effective processes and procedures for fully implementing the second phase. The first phase, which involves the protection of the Province's most important historical resources, was largely completed with the introduction of the 2nd edition of the listing in April 2001. The second phase involves those activities that are targeted for lands that contain previously recorded historic resources that require avoidance and/or the conduct of additional historic resource studies, and those lands that are considered to possess high potential for the presence of historic resources.

The following document contains brief instructions on how and when to use the 4th edition of the listing. These instructions are summarized from a larger "Discussion Paper" that is provided to answer many of the questions that industry representatives have had regarding the listing, including when is the listing the key reference document for regulatory approval processes; historical resource values; routine and non-routine applications; how the listing has been incorporated into the Alberta Energy and Utilities Board's ("EUB's") approval processes, and Alberta Sustainable Resource Development's Area Operating Agreement, Environmental Field Report and Siting Information Report; the relationship between the listing and the reservation/notation system associated with the Land Status Automated System. Additionally, several new concepts and pilot studies are introduced within the 4th edition, including a new "Application for *Historical Resources Act* Clearance"; "White Area Pilot Study" and associated "Recommended Action Matrix"; a re-examination of the use of "Historical Resources Overviews"; and "Multiple Activity Programs". The Discussion Paper can also be used as the prelude to the development of a guideline regarding petroleum and natural gas industry activities vis-à-vis the preservation and protection of historic resources.

On behalf of the Heritage Resource Management Branch, I would like to thank industry and government representatives who have provided their comments and advice over the past year during the compilation of this edition of the listing. Should you require additional information or have any questions regarding the historical resources management program for the petroleum and gas industry, or how to use the 4th edition of the *Listing of Significant Historical Sites and Areas*, do not hesitate to contact staff of the Protection and Stewardship Section at (780) 431-2300, or by fax at (780) 427-3956.

Sincerely,

Les Hurt
Director

Printed on recycled paper

104-02390/

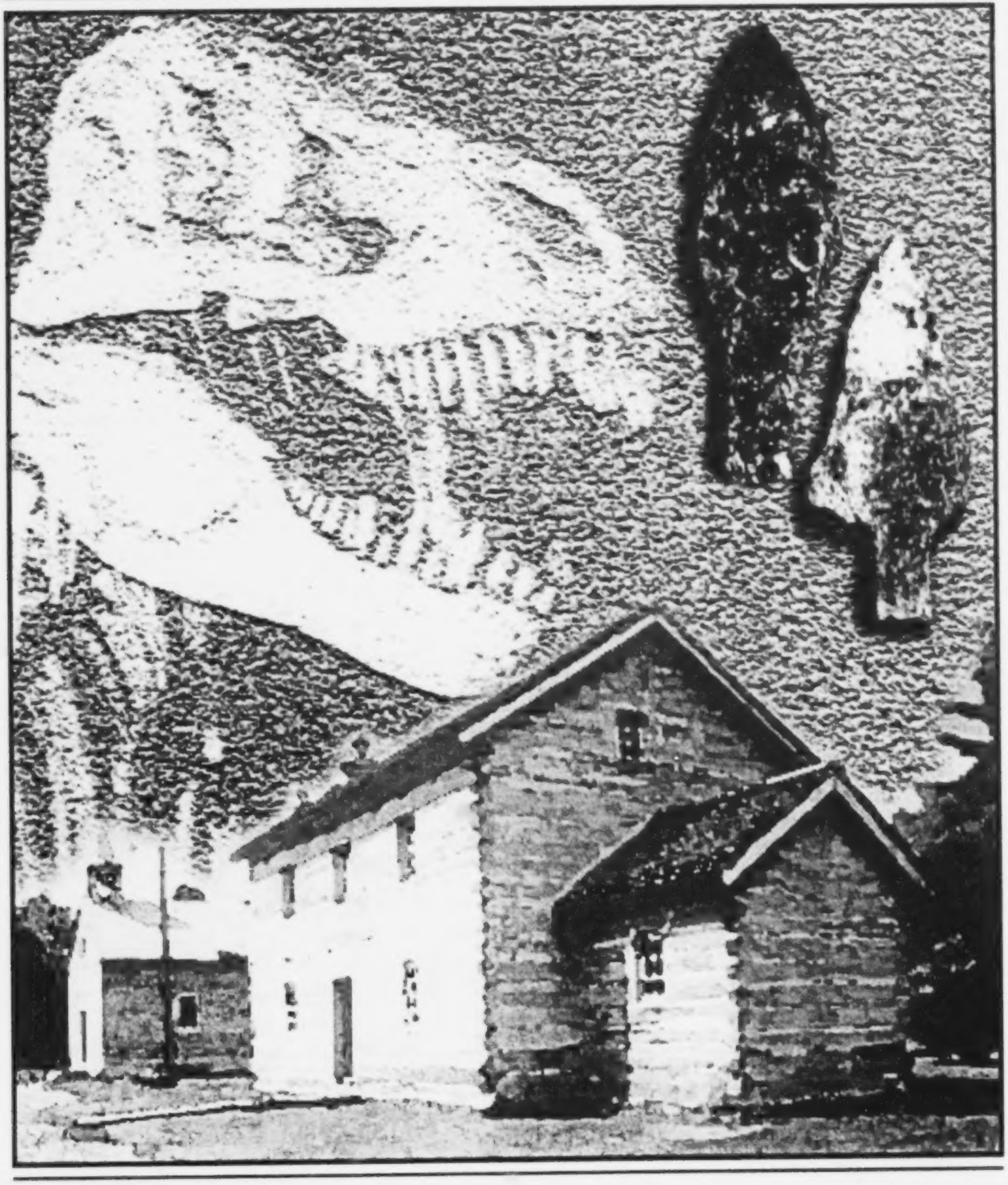
Public Version

Listing of
Significant Historical Sites and Areas

By Meridian • Township • Range • Section

FOURTH EDITION

Updated to January 1, 2003



Cultural Facilities and
Historical Resources
Division

Alberta
COMMUNITY DEVELOPMENT

LISTING OF SIGNIFICANT HISTORICAL SITES AND AREAS
(FOURTH EDITION)

TABLE OF CONTENTS

EXECUTIVE SUMMARY

Letter from Les Hurt

1.0 QUESTIONS & ANSWERS . . . . . **7 pages**

2.0 CONTACTS . . . . **3 pages**

ALBERTA QUEEN'S PRINTER ORDER FORM

LISTING OF SIGNIFICANT HISTORICAL SITES AND AREAS

W4M **1-76**
W5M **77-119**
W6M **120-131**

APPENDICES

- **Appendix I** **Discussion Paper** . . . . . . **17 pages**
  Go to "Discussion Paper" tab.

- **Appendix II** **Application for *Historical Resources Act* Clearance** **12 pages**
  Go to "Application" tab.

- **Appendix III** **White Area Pilot Study** . . . . . . **4 pages**
  (incl. Recommended Action Matrix)
  Go to "White Area/RAM" tab.

- **Appendix IV** **Historic Resources Data, Evaluation and** . . . **2 pages**
  Recommendation form.
  Go to the "Office Use" tab.

- **Maps** **Map 1 Historic Resource Planning and Protection Regions**
  Map 2 Green and White Areas

The intention is to have each of the appendices added to www.cd.gov.ab.ca/preserving/heritage/index.asp HRM Site Map. Sample copies of the forms are attached herein. Applicants should download the forms from the Heritage Resource Management Branch home page and submit paper copies to the CFHRD. The CFHRD would like to discuss with users, the possibility of submitting completed forms electronically.

Q & A

LISTING OF SIGNIFICANT HISTORICAL SITES AND AREAS (FOURTH EDITION)

1.0 QUESTIONS AND ANSWERS

Refer to the "Discussion Paper" for a more detailed discussion regarding the 4th edition of the *Listing of Significant Historical Sites and Area* ("listing") and the current and proposed use of the listing within the framework of the historical resources management program ("program") for the petroleum and natural gas industry. Using the format of "Questions and Answers" the following provides a brief summary and clarification of several of the issues that are discussed within the Discussion Paper, including:

- when and how to use the listing;
- what is a "HRV" and how it is to be used;
- the relationship between the listing and the Alberta Energy and Utilities Board's ("EUB's") approvals;
- the relationship between the listing and Alberta Sustainable Resource Development's "Area Operating Agreement", "Environmental Field Report", and "Siting Information Report";
- what are an applicant's responsibilities when the activity will not affect any lands that are described on the listing;
- are there any consequences for non-compliance;
- when and how to use the "Application for *Historical Resources Act* Clearance";
- non-routine and routine applications;
- when and who can carry out Historical Resources Impact Assessments;
- when to submit a "Historical Resources Overview";
- what is a "Multiple Activity Program";
- what is the "White Area Pilot Study" and its associated "Recommended Action Matrix"; and,
- what is the term of the 4th edition of the listing.

1.1 Why is the *Listing of Significant Historical Sites & Areas* important?

- The listing is one of several reference documents that should be consulted for Class I pipeline projects in the White Area, projects that require the completion of an Environmental Impact Assessment ("EIA"), or approval by the National Energy Board ("NEB").

- The listing is the cornerstone in the program for some types of petroleum and natural gas industry activities, most notably geophysical survey programs and "small scale" projects.

1.2 What is a "HRV" and how is it to be used?

- Each historical resource and the land parcel upon which it is located have been assigned a historical resource value ("HRV"), ranging from "1" through "5". The HRV is a useful tool in determining the level of historical resource sensitivity and possible surface access restrictions. Table 4.1 in the Discussion Paper provides a comparison between historical resource value, historical resource sensitivity, and likely *Historical Resources Act* requirements.

while Table 4.2 quantifies the amount of land on the 4th edition to which each of the five (5) historical resource values has been assigned.

1.3 What is the relationship between historic site area and described land parcel?

- The boundaries of historical resources rarely conform to the boundaries of the square land parcels (i.e. section, ¼ section, legal subdivision) that have used to survey and divide the Province's rural land base. In many cases, the site area associated with the historical resource does not encompass the entire area of the land parcel. For example, the Coronation Boundary Marker is a designated Provincial Historic Resource. The designated lands include 0.25 acres in LSD 4 of Section 6, Township 35, Range 10, W4M. Within the 4th edition of the listing, the historical resource value of "1" has been assigned to the entire 40 acres that are encompassed by LSD 4. The legal subdivision is the smallest parcel that is described on the listing.

1.4 Why do some sections have more than one historical resource value?

- One of the major differences between the previous editions of the listing and the 4th edition is that the common land parcel size for HRV "1", "2" and "3" lands has been reduced to the legal subdivision (40 acres). Some sections have been "nested" with different portions of the same section assigned different historical resource values.

1.5 How is this "nesting" represented within the listing?

- As an example, two (2) different historical resource values have been assigned to Section 3 of Township 1, Range 2, W4M. Therefore, two (2) separate line entries occur within the listing. One line entry indicates that legal subdivision ("LSD") 8 has been assigned a HRV of "3" with the number "8" appearing in the LSD column. The second line entry stipulates that the remaining fifteen (15) LSDs have been assigned a HRV of "5". This is symbolized by a double dash (--) in the LSD column.

- When the entire section has been assigned a single HRV, the (--) in the LSD column indicates that all sixteen (16) legal subdivisions have been assigned the historical resource value that appears in the HRV column.

1.6 When should the 4th edition of the listing be consulted for geophysical survey program?

- If the program affects lands that have been assigned a HRV of "1", "2", "3" or "4", the applicant should contact the regional Resource Management Planner ("Planner"), a Historical Resources Impact Assessment may be required.

1.7 When should the 4th edition of the listing be consulted for small scale projects?

- Generally, if the proposed small scale project affects any lands that are described on the 4th edition of the listing, applicants should obtain *Historical Resources Act* clearance. A Historical

Resources Impact Assessment may be required.

1.8 What are small scale projects?

- Small scale projects are considered to include all pipelines in the Green Area, Class II pipelines in the White Area, compressor stations, gas processing facilities, petroleum and natural gas batteries, pipeline surface installations, and well site leases and their associated access roads.

1.9 Have historical resource issues been included within the EUB's approval processes?

- Yes, historical resource issues have been included within the EUB's approval processes, in particular the "Well Licence Application" approval process. If the proposed well is to be located on freehold lands that are described on the listing, the applicant must obtain *Historical Resources Act* clearance prior to the submission of a "Well Licence Application" to the EUB.

1.10 Is there a relationship between the listing and the Area Operating Agreement, Environmental Field Report and Siting Information Report?

- Yes, the Siting Information Report requires the applicant to answer the question: "Is *Historical Resources Act* clearance required?" The instructions attached to the report refer the applicant to the *Listing of Significant Historical Sites and Areas*. The next version of the Area Operating Agreement and Environmental Field Report will contain statements similar to those that are contained within the Siting Information Report.

- The applicant must check the *Listing of Significant Historical Sites and Areas*. If the activity is located on lands that are described on the listing, the applicant must obtain *Historical Resources Act* clearance.

- For HRV "4" and "5" lands, *Historical Resources Act* clearance is a condition of approval and does not need to be obtained prior to the submission of an application to the Sustainable Resource Development. The applicant can apply for Sustainable Resource Development's approval without prior *Historical Resources Act* clearance. The *Historical Resources Act* requirement and clearance processes can co-occur with Sustainable Resource Development's review and approval processes. For HRV "4" and "5" lands, an applicant should not delay applying for Sustainable Resource Development's approvals until after *Historical Resources Act* clearance has been obtained.

1.11 Condition 637

- The field officer of Alberta Sustainable Resource Development could attach Condition 637 to the disposition approval. Condition 637 states that: "Prior to entry on the land, the holder shall provide written confirmation to the departmental officer that Historical Resources Act clearance has been obtained for <disposition no.>".

1.12 Does an activity still require "written" *Historical Resources Act* clearance if it will not affect lands that are described on the listing?

- No, development activities that are targeted for lands that are not described on the 4th edition of the *Listing of Significant Historical Sites and Areas* do not require "written" *Historical Resources Act* clearance.

1.13 Does an applicant have any historical resources responsibilities if "written" *Historical Resources Act* clearance is not required?

- Yes, the applicant is required to comply with Section 31 of the *Historical Resources Act*. Pursuant to Section 31, "a person who discovers an historic resource in the course of making an excavation for a purpose other than for the purpose of seeking historic resources shall forthwith notify the Minister of the discovery".

1.14 Are there any offences and penalties for not complying with the *Historical Resources Act*, its associated regulations, or directions of the Minister?

- Archaeological and palaeontological resources are owned by the Province of Alberta under the administration of the Minister of Alberta Community Development. The destruction of an archaeological and/or palaeontological resource without the prior written consent of the Minister or his delegate is an offence under the *Historical Resources Act*.

- The *Historical Resources Act* provides the Minister with the authority of the "Right of Entry" to make surveys or inspect historic resources, to issue "Temporary Stop Work Order(s)" to require the cessation of activities, and/or require other approving authorities to withhold or suspend licences, permits or consents.

- Any person who contravenes the *Historical Resources Act*, regulations or a direction of the Minister, is guilty of an offence and may be liable to a fine of not more than $50,000 or to imprisonment for a term of not more than one year or to both fine and imprisonment.

1.15 How is *Historical Resources Act* clearance obtained?

- *Historical Resources Act* clearance is obtained by submitting an "Application for *Historical Resources Act* Clearance" to the Protection and Stewardship Section of the Heritage Resource Management Branch.

1.16 What is an "Application for *Historical Resources Act* clearance?

- During the past few years the Cultural Facilities and Historical Resources Division ("CFHRD") has considered the use of a new form – "Application for *Historical Resources Act* Clearance". For instructions on how to use and fill out the "Application for *Historical Resources Act* Clearance" refer to the "Application" tab (Appendix II).

1.17 What activities can be included within a single application?

- A single application can include a surface location, the well(s) that are to be drilled on that location, the access road associated with the location, pipeline(s) that are necessary to tie-in the well(s), and possible electrical transmission line.

1.18 How many days does it take for the CFHRD to review an application?

- The review period is ten (10) working days for routine applications, with the first day being the date that the application is stamped as received by the Protection and Stewardship Section. The review for non-routine applications to impact historical resources may take longer than ten (10) working days.

1.19 Are all applications treated the same?

- No, the CFHRD has borrowed the concept of "non-routine" and "routine" applications from the EUB and adapted it for historical resources management purposes. Different policies, procedures and processes are implemented for "non-routine" versus "routine" applications.

1.20 What is a non-routine activity?

- Activities that are targeted for HRV "1", "2" and "3" lands are considered to be non-routine. Staff of the CFHRD will continue to play a major role in the review of activities on HRV "1", "2" and "3" lands, and Historical Resources Impact Assessment orders will be sent to the applicant under the signature of the Assistant Deputy Minister.

- The applicant's historical resources consultants must not submit a permit to conduct archaeological and/or palaeontological field studies for a non-routine activity until after the CFHRD's requirements have been discussed with the regional Planner of the Protection and Stewardship Section. Similarly, historical resources consultants must not submit a permit to conduct archaeological and/or palaeontological field studies for projects that require the conduct of an Environmental Impact Assessment until after the Assistant Deputy Minister has ordered the applicant to carry out a Historical Resources Impact Assessment.

1.21 What is a routine activity?

- Activities that are targeted for lands that have been assigned a HRV of "4" or "5" will be considered to be routine. Approximately 97% of the lands that are described on the 4th edition of the listing have been assigned a HRV of "4" or "5".

1.22 How does the CFHRD intend to manage routine activities?

- The CFHRD would prefer to implement a self-directed, non-referral process in which the applicants and their historic resources consultants routinely determine if an application requires the conduct of a Historical Resources Impact Assessment.

1.23 When is a Historical Resources Impact Assessment required?

- A Historical Resources Impact Assessment is required whenever the proposed activity will or is likely to impact historical resources.

1.24 Can anyone conduct a Historical Resources Impact Assessment?

- No, the majority of Historical Resources Impact Assessments require the applicant to retain the services of a consulting archaeologist qualified to hold an Archaeological Research Permit within the Province of Alberta. In many instances, the services of a consulting palaeontologist qualified to hold a

Palaeontological Collection Permit within the Province of Alberta are required. In fewer instances, the services of a qualified historian are required.

- A HRIA could have archaeological, palaeontological and historic period site concerns and requirements.

1.25 When are most Historical Resources Impact Assessments carried out?

- For the most part, the field studies associated with Historical Resources Impact Assessments are completed prior to the initiation of any land surface disturbance activities.

1.26 How are the results of a Historical Resources Impact Assessment conveyed to the CFHRD?

- A report discussing the results of the Historical Resources Impact Assessment must be submitted to the CFHRD. Interim reports are accepted.

1.27 What happens after the Historical Resources Impact Assessment report has been submitted?

- Based upon the evaluation of the results of the field studies and the recommendations contained within the report, the CFHRD may grant *Historical Resources Act* clearance for the activity, or require the applicant to undertake salvage, preservative, or protective measures. These measures could include excavations, modifications to the boundaries of the activity, or the relocation of the activity. Upon the completion of these additional measures, *Historical Resources Act* clearance is normally granted.

1.28 When should a Historical Resources Overview be submitted, or not submitted?

- A Historical Resources Overview should not be submitted for activities that are targeted for HRV "1", "2" and "3" lands i.e. non-routine applications. Historical Resources Overviews can be submitted according to the Recommended Action Matrix for activities that are targeted for lands in the White Area that have been assigned a HRV of "5. Historical Resources Overviews can also be submitted for activities that are targeted for HRV "4" lands.

- One of greatest potential uses of Historical Resources Overviews is for multiple activity programs. The overview would eliminate the duplication of issuing operating conditions for separate activities and could speed up the process for providing applicants with *Historical Resources Act* requirements.

1.29 What is a multiple activity program?

- A multiple activity program could involve several surface locations and their associated access roads, several tie-in pipelines and/or a combination of surface locations, access roads and tie-in pipelines. Refer to Section 13.3 of the Discussion Paper.

1.30 What is the White Area Pilot Study?

- The purpose of the White Area Pilot Study is to test whether an environmental attributes matrix can be used to determine if a Historical Resources Impact Assessment is warranted. For the purpose of the pilot study, the CFHRD has developed a Recommended Action Matrix that compares the relationship of the activity to the break of slope vis-à-vis vegetation and land use. For instructions on how to use the Recommended Action Matrix refer to the "White Area/RAM" tab (Appendix III).

1.31 When is the Recommended Action Matrix to be completed?

- The Recommended Action Matrix is to be completed for those small scale activities that are targeted for lands in the White Area that have been assigned a HRV of "5" on the 4th edition of the *Listing of Significant Historical Sites and Areas*.

1.32 What is the term of the 4th edition of the *Listing of Significant Historical Sites and Areas*?

- The 4th edition of the listing is to be used between July 1, 2003 and the implementation of the 5th edition of the listing, which is tentatively scheduled for April 1, 2004. If the CFHRD has received any correspondence regarding an activity prior to July 1, 2003, the activity does not need to comply with the procedures and processes that are associated with the implementation of the 4th edition of the listing.

2.0 CONTACTS

CFHRD Contacts	Telephone (780)	Fax (780)	E-mail
George Chalut	431-2329	427-3956	george.chalut@gov.ab.ca
David Link	431-2316	427-3956	david.link@gov.ab.ca
Barry Newton	431-2330	427-3956	barry.newton@gov.ab.ca
Martina Purdon	431-2331	427-3956	martina.purdon@gov.ab.ca
Shamim Shivji	431-2328	427-3956	shamim.shivji@gov.ab.ca
Dan Spivak	(403) 823-7707	(403) 823-7131	dan.spivak@gov.ab.ca
Dean Wetzel	431-2332	427-3956	dean.wetzel@gov.ab.ca

2.1 Quick Reference

Refer to the above table for a quick reference of the telephone numbers, fax numbers and e-mail addresses for the staff contacts discussed below:

2.2 "Applications for *Historical Resources Act* Clearance" and "Historical Resources Overviews"

All "Applications for *Historical Resources Act* Clearance" and "Historical Resources Overviews" are to be submitted directly to:

Shamim Shivji
Administrative Assistant
Protection and Stewardship Section
Heritage Resource Management Branch
Alberta Community Development
8820 – 112 Street
Edmonton, Alberta
T6G 2P8

The review period is ten (10) working days for routine applications, with the first day being the date that the application is stamped as received by the Protection and Stewardship Section. By the end of the tenth day, the regional Resource Management Planner should have contacted the applicant. The CFHRD would appreciate your cooperation in not enquiring about the status of an application until the eleventh working day. The review for non-routine applications to impact historical resources may take longer than ten (10) working days.

2.3 Regional Resource Management Planners

Starting on April 1, 2003, the Resource Management Planners ("Planners") of the Protection and Stewardship Section were assigned regions. A map illustrating the regions is attached as Map 1 (refer to the "Maps" tab). The respective regional Planners are:

George Chalut	Southeast
Barry Newton	West
Dean Wetzel	East

The common mailing address is:

Resource Management Planner
Protection and Stewardship Section
Heritage Resource Management Branch
Alberta Community Development
8820 – 112 Street
Edmonton, Alberta
T6G 2P8

2.4 The submission of interim and final reports discussing the results of archaeological studies when *Historical Resources Act* clearance is requested

When *Historical Resources Act* clearance is being requested, two copies of any interim or final reports discussing the results of archaeological resource Historical Resources Impact Assessments and mitigative studies are to be submitted to:

Shamim Shivji
Administrative Assistant
Protection and Stewardship Section
Heritage Resource Management Branch
Alberta Community Development
8820 – 112 Street
Edmonton, Alberta
T6G 2P8

2.5 Final reports submissions for archaeological studies after *Historical Resources Act* clearance has been granted

Although the submission of an interim report may satisfy the CFHRD's concerns and requirements regarding evaluating the potential for an activity to impact historical resources, an interim report does not complete a permit holder's obligations. The permit holder remains responsible for the submission of a detailed final report. Under this circumstance, two copies of the final report discussing the results of archaeological resource Historical Resources Impact Assessments and mitigative studies are to be submitted to:

Martina Purdon
Archaeology & History Section
Heritage Resource Management Branch
Alberta Community Development
8820 –112 Street
Edmonton, Alberta
T6G 2P8

2.6 Interim and final reports discussing the results of palaeontological resource studies

Two copies of any reports discussing the results of palaeontological resource Historical Resources Impact Assessments and mitigative studies are to be submitted to:

Dan Spivak
Resource Management
Royal Tyrrell Museum of Alberta
Alberta Community Development
Box 7500
Drumheller, Alberta
T0J 0Y0

2.7 Submission of interim and final reports to other Provincial agencies

When requested, the applicant must provide copies of interim and final reports to other Provincial representatives (e.g. Public Lands Officer, Parks and Protected Areas officer). The regional Planners will provide specific mailing addresses. Additionally, a separate copy may be required for the regional Planner.

2.8 Reporting the chance discovery of historical resources

Development activities that are targeted for lands that are not described on the 4th edition of the *Listing of Significant Historical Sites and Areas* do not require written *Historical Resources Act* clearance. However, the applicant is not absolved of all responsibilities regarding the *Historical Resources Act*. Pursuant to Section 31, "a person who discovers an historic resource in the course of making an excavation for a purpose other than for the purpose of seeking historic resources shall forthwith notify the Minister of the discovery". Where there will be little or no further impact from the activity, applicants reporting the chance discovery of a historic resource will not be responsible for conducting Historical Resources Impact Assessment or mitigation studies to clarify the contents and extent of the historic resources. When reporting the discovery of a historical resource, the CFHRD would appreciate the applicant and/or their representatives providing the GPS co-ordinates for the historic site.

The discovery of archaeological resources and historic period sites should be reported to:

David Link, Ph.D.
Head, Archaeological Survey
Archaeology and History Section
Heritage Resource Management Branch
Alberta Community Development
8820 –112 Street
Edmonton, Alberta
T6G 2P8

The discovery of palaeontological resources should be reported to:

Dan Spivak
Resource Management
Royal Tyrrell Museum of Alberta
Alberta Community Development
Box 7500
Drumheller, Alberta
T0J 0Y0

2.9 How to obtain the *Listing of Significant Historical Sites And Areas* (4th edition)

Copies of the 4th edition of the *Listing of Significant Historical Sites and Areas* can be obtained from Alberta Queen's Printer at:

Main Floor, Park Plaza
10611 – 98th Avenue
Edmonton, Alberta
T5K 2P7
Telephone (780) 427-4952
Fax (780) 452-0668

An Alberta Queen's Printer order form is attached.

ALBERTA

Alberta Queen's Printer

Your official source of Alberta government laws and publications since 1906

Order Form (June '03)

Historical Resources

Listing of Significant Historical Sites and Areas (2003) and Related Legislation

The 4th edition of the Listing of Significant Historical Sites and Areas identifies lands upon which Alberta's most significant historical resources are located.

The listing is the key reference document in regulating "small scale" oil and natural gas industry projects and geophysical survey programs. For example, applicants for a "Well License" must check the 4th edition of the listing. Should a well be located on lands that are identified within the 4th edition, the well requires *Historical Resources Act* clearance.

Starting on June 1, 2003, the 4th edition is to be implemented for regulatory approval processes.

☐ Please send me _____ copies of the **Listing of Significant Historical Sites and Areas (2003) @ $26.95 each**

☐ **Historical Resources Act**
(H-9 RSA 2000 OC to Feb 1, 2002)
_____ copies @ **$4.00 each**

☐ **Archaeological and Palaeontological Research Permit Regulation** (AR 254/2002)
_____ copies @ **$4.00 each**

☐ **Dispositions Regulation**
(AR 101/98 OC to AR 182/2002)
_____ copies @ **$2.00 each**

☐ **Fort Macleod Provincial Historic Area Establishment Regulation** (AR 158/84)
_____ copies @ **$1.00 each**

Subtotal $ _____

*add shipping & handling _____
(for orders outside Alberta only)

Add 7% GST _____

Total $ _____

*The following shipping/handling fee applies to delivery outside Alberta: $6.00 for orders of $20.00 or less, $10.00 for orders over $20.00

Method of Payment

Cash and Interac are accepted at the bookstores

☐ Visa ☐ MasterCard

Credit card number _____

Expiry date _____

Signature _____

☐ Alberta Queen's Printer account # _____

☐ Purchase order *(please attach)*
with IMAGIS coding _____

☐ Cheque or money order _____
(please make payable to the Minister of Finance *and attach)*

GST registration # 124072513RT

Ordered by

Name _____

Company/Dept _____

Branch _____

Address _____

City _____

Prov _____ Postal code _____

Tel _____ Fax _____

E-mail _____

Your personal information will be used to respond to this order and to send you information about Alberta Queen's Printer products and services.

Alberta Queen's Printer
Main Floor, Park Plaza
10611 98 Avenue
Edmonton, Alberta T5K 2P7

Phone (780) 427-4952
Fax (780) 452-0668

E-mail address: qp@gov.ab.ca
Home page: http://www.gov.ab.ca/qp
Call toll-free in Alberta by dialing 310-0000

ORDER ON-LINE www.gov.ab.ca/qp 24 HOURS A DAY

The 4th edition of the *Listing of Significant Historical Sites and Areas* is provided subject to the condition that Her Majesty the Queen in right of the Province of Alberta and her employees:

[1] Hereby disclaim and are released from any and all responsibility for the information in, and any omission of information from the listing; and,

[2] Shall not bear any responsibility for any loss or damage of any kind arising from or in respect of any absence of information or any errors or omission (whether the aforesaid occasioned by negligence or otherwise) in or affecting the *Listing of Significant Historical Sites and Areas* (4th edition) or the information therein.

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	2	1	4	--	5
4	2	1	8	--	4
4	3	1	12	--	4
4	4	1	2	--	5
4	4	1	3	8	3
4	4	1	3	--	5
4	4	1	17	5	3
4	4	1	17	--	5
4	4	1	18	--	5
4	4	1	19	--	5
4	4	1	20	--	5
4	4	1	29	--	5
4	4	1	30	--	5
4	4	1	31	--	5
4	4	1	32	--	5
4	5	1	1	--	4
4	5	1	3	--	5
4	5	1	4	--	5
4	5	1	5	--	5
4	5	1	6	--	5
4	5	1	7	--	5
4	5	1	11	--	4
4	5	1	15	--	4
4	5	1	18	--	5
4	5	1	19	--	5
4	5	1	22	--	4
4	5	1	23	--	4
4	5	1	25	--	5
4	5	1	26	--	4
4	5	1	27	--	4
4	5	1	30	--	4
4	5	1	31	--	4
4	5	1	32	--	5
4	5	1	33	--	4
4	5	1	34	--	4
4	5	1	35	--	5
4	5	1	36	--	5
4	6	1	1	--	5
4	6	1	2	--	5
4	6	1	3	--	5
4	6	1	4	--	5
4	6	1	5	--	5
4	6	1	6	--	5
4	6	1	7	--	5
4	6	1	8	--	5
4	6	1	9	--	5
4	6	1	10	--	5
4	6	1	11	--	5
4	6	1	12	--	5
4	6	1	13	--	5
4	6	1	14	--	5
4	6	1	15	--	5
4	6	1	16	--	5
4	6	1	17	--	5
4	6	1	18	--	5
4	6	1	19	--	5
4	6	1	20	--	5
4	6	1	21	--	5
4	6	1	22	--	5
4	6	1	23	--	5
4	6	1	24	--	5
4	6	1	25	--	5
4	6	1	26	--	5
4	6	1	27	--	5
4	6	1	28	--	5
4	6	1	29	--	5
4	6	1	30	--	5
4	6	1	31	--	4
4	6	1	32	--	5
4	6	1	33	--	5
4	6	1	34	--	4
4	6	1	35	--	4
4	6	1	36	--	3
4	7	1	1	--	5
4	7	1	2	--	5
4	7	1	3	--	5
4	7	1	4	--	5
4	7	1	5	--	4
4	7	1	6	--	4
4	7	1	7	--	5
4	7	1	8	--	5
4	7	1	9	--	5
4	7	1	10	--	5
4	7	1	11	--	5
4	7	1	12	--	5
4	7	1	13	--	5
4	7	1	14	--	5
4	7	1	15	--	5
4	7	1	16	--	5
4	7	1	17	--	5
4	7	1	18	--	5
4	7	1	19	--	5
4	7	1	20	--	5
4	7	1	21	--	5
4	7	1	22	--	5
4	7	1	23	--	5
4	7	1	24	--	5
4	7	1	25	--	5
4	7	1	26	--	5
4	7	1	27	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	7	1	28	--	5
4	7	1	29	--	5
4	7	1	30	--	5
4	7	1	32	--	5
4	7	1	33	--	5
4	7	1	34	--	5
4	7	1	35	--	5
4	7	1	36	--	4
4	8	1	1	--	5
4	8	1	2	--	5
4	8	1	3	--	5
4	8	1	11	--	5
4	8	1	12	--	5
4	11	1	32	--	4
4	11	1	33	--	4
4	12	1	3	--	4
4	12	1	6	--	4
4	12	1	9	--	4
4	12	1	10	--	4
4	12	1	11	--	4
4	12	1	26	--	4
4	12	1	27	--	4
4	12	1	28	--	4
4	12	1	29	--	4
4	12	1	30	--	4
4	12	1	31	13	3
4	12	1	31	--	4
4	12	1	32	--	4
4	12	1	33	12	3
4	12	1	33	--	4
4	12	1	34	--	4
4	12	1	35	--	4
4	13	1	2	--	4
4	13	1	3	2	3
4	13	1	3	--	5
4	13	1	10	--	4
4	13	1	11	--	5
4	13	1	14	--	5
4	13	1	15	8	3
4	13	1	15	--	4
4	13	1	23	--	5
4	13	1	24	--	4
4	13	1	25	--	4
4	13	1	26	3-6, 9-16	3
4	13	1	26	--	4
4	13	1	27	9-16	3
4	13	1	27	--	4
4	13	1	32	1, 2, 7, 8	3
4	13	1	32	--	4
4	13	1	33	1-8	3

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	13	1	33	--	4
4	13	1	34	1-10, 14-16	3
4	13	1	34	--	4
4	13	1	35	1-8, 11, 12	1
4	13	1	35	9, 10, 13-16	3
4	13	1	36	1-16	3
4	15	1	4	4	2
4	15	1	26	--	4
4	15	1	31	--	4
4	15	1	32	--	4
4	15	1	33	--	4
4	15	1	34	--	4
4	15	1	35	--	4
4	15	1	36	--	4
4	16	1	1	--	5
4	16	1	2	--	5
4	16	1	3	--	4
4	16	1	4	--	4
4	16	1	5	3-6, 11-13	3
4	16	1	5	--	4
4	16	1	6	1, 2, 7-16	3
4	16	1	6	--	4
4	16	1	7	1-8, 11-14	3
4	16	1	7	--	4
4	16	1	8	--	4
4	16	1	9	--	4
4	16	1	10	--	5
4	16	1	11	--	5
4	16	1	12	--	5
4	16	1	13	--	5
4	16	1	14	--	5
4	16	1	15	--	4
4	16	1	16	--	4
4	16	1	17	--	4
4	16	1	18	--	5
4	16	1	19	--	5
4	16	1	20	--	4
4	16	1	21	--	5
4	16	1	22	--	4
4	16	1	23	--	5
4	16	1	24	--	5
4	16	1	25	--	5
4	16	1	26	--	5
4	16	1	27	--	5
4	16	1	28	--	5
4	16	1	29	--	5
4	16	1	30	11-14	3
4	16	1	30	--	4
4	16	1	31	3-6, 11-14	3
4	16	1	31	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	16	1	32	--	5
4	16	1	33	--	5
4	16	1	34	--	5
4	16	1	35	--	5
4	16	1	36	--	4
4	17	1	5	--	5
4	17	1	6	--	5
4	17	1	7	--	5
4	17	1	8	--	5
4	17	1	26	--	5
4	17	1	31	--	5
4	17	1	32	--	5
4	17	1	33	--	5
4	17	1	34	--	5
4	17	1	35	--	5
4	18	1	19	--	5
4	18	1	20	--	5
4	18	1	21	--	5
4	18	1	27	--	5
4	18	1	28	--	5
4	18	1	29	--	5
4	18	1	30	--	5
4	18	1	31	--	5
4	18	1	32	--	5
4	18	1	33	--	5
4	18	1	34	--	5
4	19	1	7	14	3
4	19	1	7	--	4
4	19	1	18	--	4
4	19	1	19	--	4
4	19	1	20	--	4
4	19	1	24	--	5
4	19	1	25	--	5
4	19	1	26	--	5
4	19	1	29	--	4
4	19	1	30	--	4
4	19	1	35	--	5
4	19	1	36	--	4
4	21	1	4	--	5
4	21	1	5	--	5
4	21	1	9	--	5
4	21	1	10	--	5
4	21	1	11	--	5
4	21	1	15	--	5
4	21	1	21	--	5
4	21	1	22	--	5
4	21	1	23	--	5
4	21	1	27	--	5
4	21	1	28	--	4
4	21	1	34	--	5
4	22	1	3	--	5
4	22	1	4	--	5
4	22	1	5	--	5
4	22	1	8	--	5
4	22	1	17	--	5
4	22	1	18	--	5
4	22	1	21	--	5
4	22	1	27	--	5
4	22	1	34	--	5
4	23	1	1	--	5
4	23	1	12	--	5
4	23	1	13	--	4
4	23	1	14	--	4
4	23	1	24	1-16	3
4	26	1	6	1-16	3
4	1	2	28	--	4
4	2	2	1	--	4
4	2	2	5	--	4
4	2	2	7	--	4
4	2	2	20	--	4
4	2	2	29	--	4
4	2	2	30	--	4
4	2	2	31	--	4
4	2	2	32	--	4
4	3	2	7	--	5
4	3	2	8	--	5
4	3	2	9	--	5
4	3	2	10	--	5
4	3	2	11	--	5
4	3	2	15	--	5
4	3	2	16	--	5
4	3	2	17	--	5
4	3	2	18	--	5
4	3	2	19	--	4
4	3	2	20	--	4
4	3	2	21	--	4
4	3	2	29	--	5
4	3	2	30	--	4
4	4	2	5	--	5
4	4	2	6	--	5
4	4	2	13	--	5
4	4	2	15	--	5
4	4	2	20	--	5
4	4	2	21	--	5
4	4	2	22	--	5
4	4	2	23	--	5
4	4	2	24	--	4
4	4	2	25	--	4
4	4	2	26	--	5
4	4	2	27	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	4	2	28	--	5
4	4	2	33	--	5
4	4	2	36	--	4
4	5	2	1	--	5
4	5	2	2	--	5
4	5	2	3	--	5
4	5	2	4	3, 6	3
4	5	2	4	--	4
4	5	2	5	--	5
4	5	2	6	--	5
4	5	2	7	--	5
4	5	2	8	--	5
4	5	2	9	--	5
4	5	2	10	--	4
4	5	2	11	--	5
4	5	2	14	--	5
4	5	2	15	--	5
4	5	2	16	--	5
4	5	2	17	--	5
4	5	2	18	--	5
4	5	2	19	--	5
4	5	2	20	--	5
4	5	2	21	--	5
4	5	2	28	--	5
4	5	2	29	--	5
4	5	2	30	--	5
4	5	2	31	--	5
4	5	2	32	--	5
4	5	2	33	--	5
4	5	2	36	--	5
4	6	2	1	--	5
4	6	2	2	--	5
4	6	2	3	--	5
4	6	2	5	--	5
4	6	2	6	--	5
4	6	2	7	--	5
4	6	2	9	--	5
4	6	2	12	--	5
4	6	2	17	--	5
4	6	2	25	--	5
4	6	2	26	--	5
4	6	2	27	--	5
4	6	2	34	--	4
4	6	2	35	--	5
4	6	2	36	--	5
4	7	2	1	--	5
4	7	2	2	--	4
4	7	2	3	--	5
4	7	2	7	--	4
4	7	2	21	--	4
4	7	2	22	--	4
4	7	2	23	--	4
4	8	2	6	--	5
4	8	2	21	--	4
4	8	2	29	--	4
4	8	2	31	--	4
4	8	2	32	--	4
4	8	2	33	--	4
4	9	2	36	--	4
4	11	2	1	--	4
4	11	2	2	--	4
4	11	2	4	--	4
4	11	2	5	--	4
4	11	2	8	--	4
4	11	2	9	--	4
4	11	2	10	--	4
4	11	2	15	--	4
4	11	2	16	--	4
4	11	2	17	--	4
4	11	2	18	--	4
4	11	2	19	--	4
4	11	2	20	--	4
4	11	2	21	--	4
4	11	2	29	--	4
4	11	2	30	--	4
4	12	2	1	--	4
4	12	2	2	--	4
4	12	2	3	--	4
4	12	2	4	--	4
4	12	2	5	--	4
4	12	2	6	--	4
4	12	2	10	--	4
4	12	2	11	--	4
4	12	2	12	--	4
4	12	2	13	--	4
4	12	2	14	--	4
4	13	2	1	--	4
4	13	2	2	--	4
4	13	2	3	2, 5, 6, 11	3
4	13	2	3	--	4
4	13	2	4	11	3
4	13	2	4	--	4
4	13	2	5	--	4
4	13	2	6	--	4
4	13	2	7	--	5
4	13	2	8	--	4
4	14	2	1	--	4
4	14	2	2	9-16	3
4	14	2	2	--	4
4	14	2	3	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	14	2	4	--	4
4	14	2	5	--	4
4	14	2	6	--	4
4	14	2	7	--	5
4	14	2	10	--	5
4	14	2	11	1-4, 8	3
4	14	2	11	--	4
4	14	2	12	4-6, 11, 13-15	3
4	14	2	12	--	4
4	14	2	13	--	5
4	14	2	14	--	4
4	14	2	15	--	5
4	14	2	18	--	4
4	15	2	1	16	3
4	15	2	1	--	4
4	15	2	2	--	5
4	16	2	4	--	4
4	16	2	5	--	4
4	16	2	17	--	4
4	16	2	18	--	4
4	16	2	19	--	4
4	16	2	20	--	4
4	16	2	21	--	4
4	17	2	1	--	4
4	17	2	2	--	4
4	17	2	3	--	4
4	17	2	4	--	4
4	17	2	7	--	5
4	17	2	8	--	5
4	17	2	9	--	5
4	17	2	11	--	4
4	17	2	12	--	4
4	17	2	15	--	5
4	17	2	16	--	5
4	17	2	17	--	5
4	17	2	18	--	5
4	17	2	19	--	5
4	17	2	20	--	5
4	17	2	21	--	5
4	17	2	22	--	5
4	17	2	27	--	4
4	17	2	28	--	5
4	17	2	29	--	5
4	17	2	30	--	5
4	17	2	31	--	5
4	17	2	32	--	5
4	17	2	33	--	5
4	17	2	34	--	4
4	17	2	35	--	4
4	17	2	36	--	4
4	18	2	3	--	5
4	18	2	4	--	5
4	18	2	5	--	5
4	18	2	6	--	5
4	18	2	7	--	5
4	18	2	8	--	5
4	18	2	9	--	5
4	18	2	10	--	5
4	18	2	11	--	5
4	18	2	12	--	5
4	18	2	13	--	5
4	18	2	14	--	5
4	18	2	15	--	5
4	18	2	16	--	5
4	18	2	17	--	5
4	18	2	18	--	5
4	18	2	19	--	5
4	18	2	20	--	5
4	18	2	21	--	5
4	18	2	22	--	5
4	18	2	23	--	5
4	18	2	24	--	5
4	18	2	25	--	5
4	18	2	26	11-14	3
4	18	2	26	--	5
4	18	2	27	--	5
4	18	2	28	--	5
4	18	2	29	--	5
4	18	2	30	--	5
4	18	2	31	--	5
4	18	2	32	--	5
4	18	2	33	--	5
4	18	2	34	--	5
4	18	2	35	--	5
4	18	2	36	11	3
4	18	2	36	--	5
4	19	2	1	--	5
4	19	2	12	--	5
4	19	2	13	--	5
4	19	2	14	--	5
4	19	2	15	16	3
4	19	2	15	--	5
4	19	2	17	--	5
4	19	2	18	--	5
4	19	2	19	--	5
4	19	2	20	--	5
4	19	2	21	--	5
4	19	2	22	--	5
4	19	2	23	--	5
4	19	2	24	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	19	2	25	--	5
4	19	2	36	--	5
4	20	2	2	--	4
4	20	2	15	--	4
4	20	2	22	--	4
4	21	2	3	--	5
4	21	2	4	--	5
4	21	2	10	--	5
4	24	2	8	--	4
4	24	2	18	--	4
4	24	2	20	--	4
4	24	2	29	3	3
4	24	2	29	--	5
4	26	2	2	5	2
4	26	2	26	--	4
4	27	2	11	--	4
4	28	2	17	--	4
4	28	2	27	--	4
4	29	2	8	--	4
4	29	2	16	--	4
4	29	2	22	--	4
4	29	2	26	--	5
4	30	2	2	--	4
4	3	3	17	--	4
4	3	3	31	--	4
4	4	3	4	--	5
4	4	3	5	--	5
4	4	3	6	--	5
4	4	3	7	--	5
4	4	3	8	--	5
4	4	3	9	--	5
4	4	3	16	--	5
4	4	3	17	--	5
4	4	3	18	--	5
4	4	3	19	--	5
4	4	3	20	--	5
4	4	3	21	--	5
4	4	3	28	--	5
4	4	3	29	--	5
4	4	3	30	--	5
4	4	3	31	--	5
4	4	3	32	--	5
4	4	3	33	--	5
4	5	3	1	--	5
4	5	3	2	--	5
4	5	3	3	--	5
4	5	3	4	--	5
4	5	3	5	--	5
4	5	3	6	--	5
4	5	3	7	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	5	3	8	--	5
4	5	3	9	--	5
4	5	3	10	--	5
4	5	3	11	--	5
4	5	3	12	--	5
4	5	3	13	--	5
4	5	3	14	--	5
4	5	3	15	--	5
4	5	3	16	--	5
4	5	3	17	--	5
4	5	3	18	--	5
4	5	3	19	--	5
4	5	3	20	--	5
4	5	3	21	--	5
4	5	3	22	--	5
4	5	3	23	--	5
4	5	3	24	--	5
4	5	3	25	--	5
4	5	3	26	--	5
4	5	3	36	--	5
4	6	3	1	--	5
4	6	3	2	--	5
4	6	3	3	--	5
4	6	3	4	--	5
4	6	3	5	--	5
4	6	3	6	--	5
4	6	3	7	--	5
4	6	3	8	--	5
4	6	3	9	--	5
4	6	3	10	--	4
4	6	3	11	--	5
4	6	3	12	--	5
4	6	3	13	--	5
4	6	3	14	--	5
4	6	3	15	--	5
4	6	3	16	--	5
4	6	3	17	--	5
4	6	3	18	--	5
4	6	3	19	--	5
4	6	3	20	--	5
4	6	3	21	--	5
4	6	3	22	--	5
4	6	3	23	--	5
4	6	3	24	--	5
4	6	3	25	--	5
4	6	3	26	--	5
4	6	3	27	--	5
4	7	3	1	--	4
4	7	3	10	--	4
4	7	3	11	--	4

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	7	3	12	--	5
4	7	3	13	--	5
4	7	3	14	--	4
4	7	3	21	--	4
4	7	3	24	--	4
4	7	3	27	--	4
4	7	3	28	--	4
4	8	3	30	--	4
4	9	3	1	--	4
4	9	3	11	--	4
4	9	3	12	12	3
4	9	3	12	--	4
4	9	3	13	--	4
4	9	3	14	--	5
4	16	3	4	--	4
4	17	3	1	--	4
4	17	3	2	--	4
4	17	3	3	--	4
4	17	3	4	--	4
4	17	3	5	--	4
4	17	3	6	--	4
4	17	3	7	--	4
4	17	3	8	--	4
4	17	3	9	--	4
4	17	3	10	--	4
4	17	3	11	--	4
4	17	3	12	--	4
4	17	3	15	--	4
4	17	3	16	--	4
4	17	3	17	--	4
4	17	3	18	--	4
4	17	3	19	--	4
4	17	3	20	--	5
4	17	3	21	--	5
4	17	3	30	--	5
4	17	3	31	--	5
4	18	3	1	--	5
4	18	3	2	--	5
4	18	3	3	--	5
4	18	3	4	--	5
4	18	3	5	--	5
4	18	3	6	--	5
4	18	3	7	--	5
4	18	3	8	--	5
4	18	3	9	--	5
4	18	3	10	--	5
4	18	3	11	--	5
4	18	3	12	--	5
4	18	3	13	--	5
4	18	3	14	--	5
4	18	3	15	--	5
4	18	3	16	--	5
4	18	3	17	--	5
4	18	3	21	--	5
4	18	3	22	--	4
4	18	3	23	--	4
4	18	3	24	--	4
4	18	3	25	--	5
4	18	3	26	--	4
4	18	3	27	--	4
4	18	3	28	--	4
4	18	3	29	--	4
4	18	3	30	--	4
4	18	3	31	--	4
4	18	3	32	--	4
4	18	3	33	--	4
4	18	3	34	--	4
4	18	3	35	--	5
4	18	3	36	--	5
4	19	3	1	--	5
4	19	3	12	--	5
4	19	3	18	--	4
4	20	3	17	--	4
4	20	3	24	--	4
4	20	3	25	--	4
4	20	3	29	--	4
4	21	3	11	--	4
4	21	3	25	--	4
4	21	3	36	--	4
4	22	3	22	--	5
4	22	3	23	--	5
4	22	3	24	--	5
4	22	3	31	--	5
4	22	3	32	--	5
4	25	3	4	--	4
4	25	3	9	7, 9, 15	1
4	25	3	9	--	5
4	25	3	15	--	5
4	25	3	26	--	5
4	27	3	29	--	4
4	27	3	33	--	4
4	28	3	1	--	4
4	28	3	13	11	3
4	28	3	13	--	4
4	3	4	5	--	5
4	3	4	6	--	5
4	3	4	7	--	5
4	3	4	8	--	5
4	3	4	17	--	5
4	3	4	18	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	3	4	19	--	5
4	3	4	20	--	5
4	3	4	24	--	5
4	3	4	25	--	5
4	3	4	26	--	5
4	3	4	27	--	5
4	3	4	29	--	5
4	3	4	30	--	4
4	3	4	31	--	4
4	3	4	32	--	5
4	3	4	33	--	5
4	3	4	34	--	5
4	3	4	35	--	5
4	3	4	36	--	5
4	4	4	1	--	5
4	4	4	2	--	5
4	4	4	3	--	5
4	4	4	4	--	5
4	4	4	5	--	5
4	4	4	6	--	5
4	4	4	7	--	5
4	4	4	8	--	5
4	4	4	9	--	5
4	4	4	10	--	5
4	4	4	11	--	5
4	4	4	12	--	5
4	4	4	13	--	5
4	4	4	14	--	5
4	4	4	15	--	5
4	4	4	16	--	5
4	4	4	17	--	5
4	4	4	18	--	5
4	4	4	19	--	5
4	4	4	20	--	5
4	4	4	21	--	5
4	4	4	22	--	5
4	4	4	23	--	5
4	4	4	24	--	5
4	4	4	25	--	4
4	4	4	26	1-16	3
4	4	4	27	--	5
4	4	4	28	--	5
4	4	4	29	--	5
4	4	4	30	--	4
4	4	4	31	--	5
4	4	4	32	--	5
4	4	4	33	--	4
4	4	4	34	--	4
4	4	4	35	--	5
4	4	4	36	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	5	4	1	--	5
4	5	4	3	--	4
4	5	4	12	--	5
4	5	4	13	--	5
4	5	4	14	--	5
4	5	4	23	--	5
4	5	4	24	--	4
4	5	4	25	--	4
4	5	4	26	--	4
4	5	4	27	--	5
4	5	4	34	--	5
4	5	4	35	--	4
4	5	4	36	--	5
4	17	4	6	--	5
4	17	4	16	3-6	2
4	17	4	17	1-16	3
4	18	4	1	--	5
4	18	4	2	--	5
4	18	4	3	--	4
4	18	4	4	--	4
4	18	4	5	--	4
4	18	4	6	--	4
4	18	4	7	--	4
4	18	4	8	--	4
4	18	4	18	--	4
4	18	4	19	--	4
4	19	4	1	--	4
4	19	4	2	--	4
4	19	4	3	--	4
4	19	4	4	--	4
4	19	4	5	--	4
4	19	4	6	--	4
4	19	4	7	--	4
4	19	4	8	--	4
4	19	4	9	--	4
4	19	4	10	--	4
4	19	4	11	--	4
4	19	4	12	--	4
4	19	4	13	--	4
4	19	4	14	--	4
4	19	4	15	--	4
4	19	4	16	--	4
4	19	4	17	--	4
4	19	4	18	--	4
4	19	4	19	--	4
4	19	4	20	--	4
4	19	4	21	1-16	1
4	19	4	22	--	4
4	19	4	23	--	4
4	19	4	24	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	19	4	25	--	4
4	19	4	26	--	4
4	19	4	27	--	4
4	19	4	28	--	4
4	19	4	29	--	4
4	19	4	30	--	4
4	19	4	31	--	4
4	19	4	32	--	4
4	19	4	33	--	4
4	19	4	34	--	4
4	19	4	35	--	4
4	19	4	36	--	4
4	20	4	7	--	4
4	20	4	11	--	5
4	20	4	12	--	4
4	20	4	13	--	4
4	20	4	14	--	4
4	21	4	11	--	4
4	22	4	4	--	5
4	22	4	5	--	5
4	22	4	6	--	5
4	22	4	18	--	5
4	23	4	13	--	5
4	23	4	14	--	5
4	23	4	24	--	5
4	24	4	16	--	5
4	24	4	17	--	5
4	24	4	18	--	5
4	24	4	19	--	5
4	24	4	20	--	5
4	24	4	21	--	5
4	24	4	22	--	5
4	24	4	23	--	5
4	24	4	26	--	5
4	24	4	27	9-16	3
4	24	4	27	--	5
4	24	4	28	--	5
4	24	4	29	--	5
4	24	4	34	1-8	3
4	24	4	34	--	5
4	24	4	35	--	5
4	25	4	2	--	5
4	25	4	11	--	5
4	25	4	12	--	5
4	25	4	13	--	5
4	25	4	24	--	5
4	27	4	3	--	4
4	27	4	36	--	4
4	2	5	21	--	5
4	2	5	28	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	2	5	30	--	4
4	3	5	5	--	5
4	3	5	6	--	5
4	3	5	7	--	5
4	3	5	8	--	5
4	3	5	17	--	5
4	3	5	18	--	4
4	3	5	24	--	4
4	3	5	25	--	4
4	3	5	26	--	4
4	3	5	31	--	5
4	3	5	32	--	5
4	3	5	33	--	5
4	3	5	34	--	4
4	3	5	35	--	4
4	4	5	1	--	5
4	4	5	2	--	5
4	4	5	3	--	4
4	4	5	4	--	4
4	4	5	5	1-16	3
4	4	5	6	--	5
4	4	5	7	--	5
4	4	5	8	--	5
4	4	5	9	--	4
4	4	5	10	--	5
4	4	5	11	--	5
4	4	5	12	--	5
4	4	5	13	--	5
4	4	5	14	--	5
4	4	5	15	--	5
4	4	5	16	--	5
4	4	5	17	--	4
4	4	5	18	--	5
4	4	5	19	--	5
4	4	5	20	--	4
4	4	5	21	--	5
4	4	5	22	--	5
4	4	5	23	--	5
4	4	5	24	--	5
4	4	5	25	--	5
4	4	5	26	--	5
4	4	5	27	--	5
4	4	5	28	--	4
4	4	5	29	--	4
4	4	5	30	--	5
4	4	5	31	--	4
4	4	5	32	--	4
4	4	5	33	--	5
4	4	5	34	--	5
4	4	5	35	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	4	5	36	--	5
4	5	5	1	--	5
4	5	5	2	--	4
4	5	5	3	--	5
4	5	5	4	--	5
4	5	5	5	--	5
4	5	5	6	--	5
4	5	5	7	--	5
4	5	5	8	--	5
4	5	5	9	--	5
4	5	5	10	--	4
4	5	5	11	--	4
4	5	5	12	--	4
4	5	5	13	--	4
4	5	5	14	--	4
4	5	5	15	--	4
4	5	5	16	--	5
4	5	5	17	--	5
4	5	5	18	--	5
4	5	5	19	--	5
4	5	5	20	--	5
4	5	5	21	--	5
4	5	5	22	--	5
4	5	5	23	--	5
4	5	5	24	--	5
4	5	5	25	--	5
4	5	5	26	--	5
4	5	5	27	--	4
4	5	5	28	--	5
4	5	5	29	--	5
4	5	5	30	--	5
4	5	5	31	--	5
4	5	5	32	--	5
4	5	5	33	--	5
4	5	5	34	--	5
4	5	5	35	--	5
4	5	5	36	--	5
4	9	5	27	--	5
4	10	5	33	--	5
4	11	5	7	--	4
4	11	5	15	--	4
4	11	5	19	--	4
4	11	5	22	--	4
4	11	5	25	--	4
4	11	5	26	--	4
4	11	5	27	--	4
4	11	5	34	--	4
4	12	5	15	--	4
4	12	5	17	--	4
4	12	5	18	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	12	5	21	--	4
4	12	5	22	--	4
4	12	5	23	--	4
4	12	5	24	--	4
4	12	5	36	--	4
4	13	5	11	--	5
4	13	5	17	--	4
4	13	5	20	--	4
4	13	5	21	--	4
4	18	5	24	--	4
4	19	5	5	--	5
4	20	5	1	--	4
4	20	5	2	--	4
4	20	5	3	--	4
4	20	5	4	--	4
4	20	5	5	--	4
4	20	5	6	--	4
4	20	5	7	--	4
4	20	5	8	--	4
4	20	5	9	--	4
4	20	5	10	--	4
4	20	5	11	--	4
4	20	5	12	--	4
4	20	5	13	--	4
4	20	5	14	--	4
4	20	5	15	--	4
4	20	5	16	--	4
4	20	5	17	--	4
4	20	5	18	--	4
4	20	5	19	--	4
4	20	5	20	--	4
4	20	5	21	--	4
4	20	5	28	--	4
4	20	5	29	--	4
4	20	5	30	--	4
4	21	5	17	--	5
4	22	5	23	13, 14	1
4	23	5	4	--	5
4	23	5	5	--	5
4	23	5	6	--	5
4	23	5	7	--	5
4	23	5	8	--	5
4	23	5	9	--	5
4	23	5	10	--	4
4	23	5	15	--	4
4	23	5	27	--	4
4	23	5	28	--	4
4	23	5	30	--	4
4	23	5	34	--	5
4	24	5	1	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	24	5	2	--	5
4	24	5	7	--	4
4	24	5	12	--	5
4	26	5	14	10	3
4	26	5	14	--	5
4	27	5	18	--	5
4	27	5	19	--	5
4	27	5	20	15	3
4	27	5	20	--	5
4	27	5	21	--	5
4	27	5	25	--	5
4	27	5	26	--	5
4	27	5	27	--	5
4	27	5	28	--	5
4	27	5	29	--	5
4	27	5	35	--	5
4	27	5	36	--	5
4	2	6	13	--	5
4	3	6	3	--	5
4	3	6	4	--	5
4	3	6	8	--	5
4	3	6	9	--	5
4	3	6	10	1-16	3
4	3	6	11	1-16	3
4	3	6	14	1-16	3
4	3	6	15	1-16	3
4	3	6	18	--	5
4	4	6	5	--	5
4	4	6	6	--	5
4	4	6	10	--	4
4	4	6	16	--	4
4	4	6	20	--	4
4	4	6	29	--	4
4	4	6	31	--	4
4	5	6	13	--	5
4	5	6	34	--	4
4	5	6	35	--	4
4	8	6	19	--	4
4	9	6	22	--	4
4	9	6	23	--	4
4	9	6	26	--	4
4	11	6	29	--	4
4	11	6	30	--	4
4	16	6	3	--	4
4	17	6	36	5	2
4	19	6	29	14	1
4	19	6	29	7	2
4	19	6	29	1-4	3
4	20	6	8	10	1
4	20	6	8	6, 15	2
4	22	6	6	--	5
4	22	6	7	--	5
4	22	6	17	--	5
4	22	6	18	--	5
4	22	6	19	--	5
4	22	6	20	--	5
4	22	6	21	--	5
4	22	6	29	--	5
4	22	6	30	--	5
4	22	6	31	--	5
4	22	6	32	--	5
4	22	6	33	--	5
4	22	6	35	--	4
4	22	6	36	--	5
4	23	6	3	--	4
4	23	6	10	--	4
4	23	6	11	--	4
4	23	6	14	--	4
4	23	6	23	--	4
4	23	6	24	--	4
4	23	6	25	--	4
4	25	6	11	--	5
4	25	6	21	6, 11	1
4	25	6	27	--	4
4	25	6	34	--	4
4	28	6	32	--	4
4	29	6	6	--	4
4	29	6	27	--	4
4	29	6	34	--	4
4	29	6	35	--	4
4	30	6	22	8, 9	2
4	30	6	22	--	4
4	1	7	1	--	4
4	1	7	5	--	5
4	1	7	25	--	5
4	1	7	26	--	5
4	1	7	27	--	5
4	1	7	31	--	5
4	2	7	18	--	4
4	2	7	19	--	4
4	3	7	2	--	5
4	3	7	3	--	5
4	3	7	4	--	5
4	3	7	5	--	5
4	3	7	6	--	5
4	3	7	7	--	5
4	3	7	8	--	5
4	3	7	9	--	5
4	3	7	10	--	5
4	3	7	11	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	3	7	14	--	5
4	3	7	15	--	5
4	3	7	16	--	5
4	3	7	17	--	5
4	3	7	18	--	5
4	3	7	19	--	5
4	3	7	20	--	5
4	3	7	21	--	5
4	3	7	22	--	5
4	3	7	23	--	5
4	3	7	26	--	5
4	3	7	27	--	5
4	3	7	28	--	5
4	3	7	29	--	5
4	3	7	30	--	5
4	3	7	31	--	5
4	3	7	32	--	5
4	3	7	33	--	5
4	3	7	34	--	5
4	3	7	35	--	5
4	4	7	1	--	5
4	4	7	2	--	5
4	4	7	3	--	5
4	4	7	4	--	5
4	4	7	7	--	4
4	4	7	9	--	5
4	4	7	10	--	5
4	4	7	11	--	5
4	4	7	12	--	5
4	4	7	13	--	5
4	4	7	14	--	5
4	4	7	15	--	5
4	4	7	16	--	5
4	4	7	20	--	5
4	4	7	22	--	5
4	4	7	23	--	5
4	4	7	24	--	5
4	4	7	25	--	5
4	4	7	26	--	5
4	4	7	27	--	5
4	4	7	28	--	5
4	4	7	33	--	5
4	4	7	34	--	5
4	4	7	35	--	5
4	4	7	36	--	5
4	5	7	25	--	4
4	8	7	30	--	4
4	9	7	14	--	4
4	11	7	36	--	4
4	14	7	16	--	4
4	14	7	27	11	1
4	14	7	27	--	5
4	15	7	20	--	4
4	16	7	23	--	4
4	16	7	25	--	4
4	16	7	26	--	4
4	17	7	35	--	4
4	21	7	6	--	5
4	21	7	7	--	5
4	21	7	8	--	5
4	21	7	17	--	5
4	21	7	18	--	5
4	21	7	19	--	5
4	21	7	20	--	5
4	22	7	1	--	4
4	22	7	2	--	4
4	22	7	3	16	3
4	22	7	3	--	4
4	22	7	4	--	4
4	22	7	5	--	5
4	22	7	6	--	4
4	22	7	7	--	4
4	22	7	11	--	4
4	22	7	12	--	4
4	22	7	15	--	4
4	22	7	24	--	5
4	22	7	25	--	5
4	22	7	26	--	5
4	22	7	27	--	4
4	22	7	28	--	4
4	22	7	30	--	4
4	22	7	31	--	4
4	22	7	32	--	4
4	22	7	33	--	4
4	22	7	34	--	4
4	22	7	35	--	5
4	22	7	36	--	5
4	23	7	20	--	4
4	24	7	30	11-14	2
4	25	7	26	--	4
4	26	7	8	--	4
4	26	7	15	9, 10, 15, 16	1
4	26	7	28	--	4
4	26	7	32	--	4
4	28	7	1	--	5
4	28	7	6	12	3
4	28	7	7	9, 12	3
4	28	7	7	--	5
4	28	7	8	--	4
4	28	7	16	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	28	7	17	10	3
4	28	7	17	--	4
4	28	7	18	--	5
4	28	7	19	--	5
4	28	7	20	--	5
4	28	7	21	--	4
4	28	7	22	--	4
4	28	7	27	--	4
4	28	7	28	--	5
4	28	7	29	--	5
4	28	7	30	--	5
4	28	7	31	--	5
4	28	7	32	--	5
4	28	7	33	--	5
4	28	7	35	--	4
4	29	7	2	--	4
4	29	7	12	8	1
4	29	7	12	--	4
4	29	7	13	--	5
4	29	7	14	--	5
4	29	7	15	--	5
4	29	7	16	--	4
4	29	7	17	--	4
4	29	7	18	--	4
4	29	7	19	--	4
4	29	7	20	--	4
4	29	7	21	--	4
4	29	7	22	--	5
4	29	7	23	--	5
4	29	7	24	--	5
4	29	7	25	--	5
4	29	7	26	--	5
4	29	7	27	--	5
4	29	7	28	--	4
4	29	7	29	--	4
4	29	7	30	--	4
4	29	7	31	--	5
4	29	7	32	--	4
4	29	7	33	--	5
4	29	7	34	--	5
4	29	7	35	--	5
4	29	7	36	--	5
4	30	7	11	--	4
4	30	7	13	--	4
4	30	7	22	--	4
4	30	7	23	--	4
4	30	7	24	--	4
4	30	7	25	--	4
4	30	7	26	--	4
4	30	7	27	--	4
4	30	7	28	--	4
4	30	7	33	--	4
4	30	7	34	--	4
4	30	7	35	--	4
4	30	7	36	--	4
4	1	8	4	--	5
4	1	8	5	--	5
4	1	8	6	--	4
4	1	8	10	--	5
4	1	8	11	--	5
4	1	8	15	--	4
4	1	8	18	--	5
4	1	8	23	7	3
4	1	8	23	--	5
4	1	8	25	--	5
4	1	8	26	--	4
4	1	8	27	--	5
4	1	8	30	--	5
4	1	8	31	--	5
4	1	8	32	--	5
4	1	8	33	--	5
4	1	8	34	--	5
4	1	8	35	--	5
4	1	8	36	--	5
4	2	8	13	--	5
4	2	8	19	15	3
4	2	8	19	--	5
4	2	8	30	--	5
4	2	8	31	--	5
4	2	8	32	--	5
4	2	8	33	--	5
4	2	8	34	--	5
4	2	8	35	--	5
4	2	8	36	--	5
4	3	8	1	--	4
4	3	8	6	--	5
4	3	8	7	--	5
4	3	8	15	--	4
4	3	8	16	--	4
4	3	8	17	--	5
4	3	8	18	--	5
4	3	8	19	--	5
4	3	8	20	--	5
4	3	8	21	--	5
4	3	8	22	--	5
4	3	8	23	--	4
4	3	8	25	--	4
4	3	8	26	--	5
4	3	8	27	--	5
4	3	8	28	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	3	8	29	--	5
4	3	8	30	--	5
4	3	8	31	--	5
4	3	8	32	--	5
4	3	8	33	--	5
4	3	8	34	--	5
4	3	8	35	--	5
4	3	8	36	--	5
4	4	8	1	14	3
4	4	8	1	--	5
4	4	8	2	--	5
4	4	8	3	--	5
4	4	8	4	--	5
4	4	8	9	--	5
4	4	8	10	--	5
4	4	8	11	--	5
4	4	8	12	--	5
4	4	8	14	--	5
4	4	8	15	--	5
4	4	8	16	--	5
4	4	8	21	--	5
4	4	8	22	--	5
4	4	8	23	--	5
4	4	8	24	--	5
4	4	8	25	--	4
4	4	8	26	--	5
4	4	8	27	--	5
4	4	8	28	--	5
4	4	8	31	--	4
4	4	8	33	--	5
4	4	8	34	--	5
4	4	8	35	--	5
4	4	8	36	--	5
4	5	8	3	--	4
4	5	8	9	--	4
4	5	8	14	16	3
4	5	8	14	--	5
4	5	8	15	--	4
4	5	8	16	--	4
4	5	8	20	--	4
4	7	8	2	--	4
4	7	8	11	--	4
4	7	8	14	--	5
4	7	8	15	--	4
4	7	8	22	--	4
4	8	8	34	--	4
4	18	8	24	--	5
4	18	8	25	--	5
4	18	8	26	--	5
4	18	8	27	--	5
4	18	8	32	--	5
4	18	8	33	--	5
4	18	8	34	--	5
4	18	8	35	--	5
4	21	8	7	--	5
4	21	8	8	--	5
4	21	8	17	--	5
4	21	8	18	--	5
4	21	8	20	1, 2, 7, 8	2
4	21	8	20	--	4
4	21	8	31	5, 8-10, 13	1
4	21	8	31	7, 11, 12, 14	2
4	22	8	1	--	5
4	22	8	2	--	5
4	22	8	3	13	1
4	22	8	3	--	5
4	22	8	6	--	4
4	22	8	9	--	4
4	22	8	10	--	5
4	22	8	11	--	5
4	22	8	12	--	5
4	22	8	13	--	5
4	22	8	15	--	5
4	22	8	16	--	5
4	22	8	17	--	5
4	22	8	18	--	5
4	22	8	19	--	4
4	22	8	20	--	5
4	22	8	21	--	5
4	22	8	24	--	4
4	22	8	26	15, 16	1
4	22	8	29	--	5
4	22	8	30	--	4
4	22	8	31	--	5
4	22	8	35	8	3
4	22	8	35	--	4
4	22	8	36	9, 10, 15, 16	1
4	22	8	36	--	4
4	23	8	13	--	5
4	23	8	25	--	5
4	23	8	35	--	5
4	23	8	36	--	4
4	24	8	19	--	4
4	26	8	4	--	4
4	26	8	5	--	4
4	27	8	4	--	5
4	27	8	17	--	5
4	27	8	18	--	4
4	28	8	4	--	5
4	28	8	5	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	28	8	6	--	5
4	28	8	7	--	5
4	28	8	11	--	4
4	28	8	13	--	4
4	28	8	18	--	5
4	28	8	19	--	5
4	28	8	27	--	4
4	28	8	30	--	5
4	28	8	31	--	5
4	29	8	1	--	5
4	29	8	2	--	5
4	29	8	3	--	5
4	29	8	4	--	5
4	29	8	5	--	5
4	29	8	6	--	5
4	29	8	7	--	5
4	29	8	8	--	5
4	29	8	9	--	5
4	29	8	10	--	5
4	29	8	11	14, 15	3
4	29	8	11	--	5
4	29	8	12	--	5
4	29	8	13	--	5
4	29	8	14	--	5
4	29	8	15	--	5
4	29	8	16	--	5
4	29	8	17	--	5
4	29	8	18	--	5
4	29	8	19	--	5
4	29	8	20	--	5
4	29	8	21	--	5
4	29	8	22	--	5
4	29	8	23	--	5
4	29	8	24	--	5
4	29	8	25	--	5
4	29	8	26	--	5
4	29	8	27	--	5
4	29	8	28	--	5
4	29	8	29	--	5
4	29	8	30	--	5
4	29	8	31	--	5
4	29	8	32	--	5
4	29	8	33	--	5
4	29	8	34	--	5
4	29	8	35	--	5
4	29	8	36	--	5
4	30	8	1	--	5
4	30	8	2	--	5
4	30	8	3	--	5
4	30	8	4	--	5
4	30	8	9	--	5
4	30	8	10	--	5
4	30	8	11	--	5
4	30	8	12	--	5
4	30	8	13	--	5
4	30	8	14	--	5
4	30	8	15	--	5
4	30	8	16	--	5
4	30	8	21	--	5
4	30	8	22	--	5
4	30	8	23	--	5
4	30	8	24	--	5
4	30	8	25	--	5
4	30	8	26	--	5
4	30	8	27	--	5
4	30	8	28	--	5
4	30	8	33	--	5
4	30	8	34	--	5
4	30	8	35	--	5
4	30	8	36	--	5
4	1	9	4	--	4
4	1	9	14	--	4
4	2	9	3	--	5
4	2	9	10	--	5
4	3	9	1	--	4
4	3	9	2	--	4
4	3	9	8	--	5
4	3	9	11	--	4
4	3	9	29	--	4
4	4	9	7	--	4
4	5	9	2	--	5
4	5	9	6	--	5
4	5	9	10	--	5
4	5	9	11	--	5
4	11	9	7	--	4
4	11	9	18	--	4
4	11	9	30	--	4
4	12	9	1	--	4
4	12	9	12	--	4
4	12	9	23	--	4
4	12	9	24	--	4
4	12	9	25	--	4
4	12	9	26	--	4
4	16	9	32	13	1
4	18	9	4	--	4
4	18	9	5	--	5
4	18	9	6	--	5
4	18	9	7	--	5
4	19	9	12	--	5
4	19	9	13	--	5

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	19	9	14	--	5
4	19	9	23	--	5
4	19	9	24	--	5
4	20	9	15	9	2
4	21	9	6	1, 2, 7, 8	1
4	21	9	18	--	4
4	21	9	19	--	4
4	21	9	29	--	4
4	21	9	30	--	5
4	21	9	31	--	5
4	21	9	32	--	4
4	22	9	1	--	5
4	22	9	6	--	5
4	22	9	7	--	5
4	22	9	11	--	5
4	22	9	12	--	4
4	22	9	13	--	4
4	22	9	14	--	5
4	22	9	18	3	3
4	22	9	18	--	4
4	22	9	19	--	5
4	22	9	23	--	5
4	22	9	24	--	4
4	22	9	25	--	5
4	22	9	30	--	4
4	22	9	36	--	5
4	23	9	12	--	5
4	23	9	13	--	5
4	23	9	18	--	5
4	23	9	24	--	4
4	23	9	25	--	5
4	23	9	27	13	3
4	23	9	31	--	4
4	23	9	33	--	5
4	23	9	34	5	3
4	23	9	34	--	5
4	23	9	35	--	5
4	24	9	3	--	4
4	24	9	15	--	4
4	25	9	7	--	4
4	25	9	18	12, 13	3
4	25	9	18	--	5
4	25	9	23	--	5
4	25	9	24	--	5
4	25	9	25	--	5
4	25	9	27	11-14	3
4	26	9	1	9-16	1
4	26	9	3	15	3
4	26	9	3	--	5
4	26	9	5	--	5
4	26	9	6	--	5
4	26	9	7	--	5
4	26	9	8	--	5
4	26	9	9	--	5
4	26	9	10	1-8	3
4	26	9	10	--	5
4	26	9	11	7-10	1
4	26	9	11	--	5
4	26	9	12	12-14	1
4	26	9	12	--	4
4	26	9	13	9	3
4	26	9	13	--	5
4	26	9	15	--	5
4	26	9	16	--	5
4	26	9	17	--	5
4	26	9	18	--	5
4	26	9	19	--	5
4	26	9	20	--	5
4	26	9	30	--	5
4	27	9	1	--	4
4	27	9	2	--	5
4	27	9	3	--	5
4	27	9	4	3-6	1
4	27	9	4	--	4
4	27	9	5	1-8	1
4	27	9	5	11-15	3
4	27	9	5	--	4
4	27	9	6	1-16	1
4	27	9	7	1-16	1
4	27	9	8	2, 3, 6, 7	3
4	27	9	8	--	4
4	27	9	9	--	5
4	27	9	10	--	5
4	27	9	11	--	5
4	27	9	12	--	4
4	27	9	13	--	5
4	27	9	14	--	5
4	27	9	15	--	5
4	27	9	16	--	4
4	27	9	17	--	5
4	27	9	18	7	3
4	27	9	18	--	4
4	27	9	19	--	5
4	27	9	20	--	5
4	27	9	21	--	5
4	27	9	22	--	5
4	27	9	23	--	5
4	27	9	24	--	5
4	27	9	25	--	5
4	27	9	26	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	27	9	27	--	5
4	27	9	28	--	5
4	27	9	29	--	5
4	27	9	30	--	5
4	27	9	31	--	5
4	27	9	32	--	5
4	27	9	33	--	5
4	27	9	34	--	5
4	27	9	35	--	5
4	27	9	36	--	5
4	28	9	1	1, 2, 7-10, 15, 16	1
4	28	9	1	--	4
4	28	9	2	--	5
4	28	9	3	--	5
4	28	9	4	--	5
4	28	9	5	--	5
4	28	9	6	--	5
4	28	9	7	--	5
4	28	9	8	--	5
4	28	9	9	--	5
4	28	9	10	--	5
4	28	9	11	--	4
4	28	9	12	1, 2, 7, 8	1
4	28	9	12	--	4
4	28	9	13	--	5
4	28	9	14	--	5
4	28	9	15	--	5
4	28	9	16	--	4
4	28	9	17	--	5
4	28	9	18	--	5
4	28	9	19	--	5
4	28	9	20	--	5
4	28	9	21	--	5
4	28	9	22	--	5
4	28	9	23	--	5
4	28	9	24	--	5
4	28	9	25	--	5
4	28	9	26	--	5
4	28	9	27	--	5
4	28	9	28	--	5
4	28	9	29	--	5
4	28	9	30	--	5
4	28	9	31	--	5
4	28	9	32	--	5
4	28	9	33	--	5
4	28	9	34	--	5
4	28	9	35	--	5
4	28	9	36	--	5
4	29	9	1	--	5
4	29	9	2	--	5
4	29	9	3	--	5
4	29	9	4	--	5
4	29	9	5	--	5
4	29	9	6	--	4
4	29	9	7	--	5
4	29	9	8	--	5
4	29	9	9	--	5
4	29	9	10	--	5
4	29	9	11	--	5
4	29	9	12	--	5
4	29	9	13	--	5
4	29	9	14	--	5
4	29	9	15	--	5
4	29	9	16	--	5
4	29	9	17	--	5
4	29	9	18	--	5
4	29	9	19	--	4
4	29	9	20	--	5
4	29	9	21	--	5
4	29	9	22	--	5
4	29	9	23	--	5
4	29	9	24	--	5
4	29	9	25	--	5
4	29	9	26	--	5
4	29	9	27	--	5
4	29	9	28	--	5
4	29	9	29	--	5
4	29	9	30	--	5
4	29	9	31	--	5
4	29	9	32	--	5
4	29	9	33	--	5
4	29	9	34	--	5
4	29	9	35	--	5
4	29	9	36	--	5
4	30	9	24	--	5
4	30	9	25	--	5
4	30	9	26	--	5
4	30	9	27	--	5
4	30	9	28	--	5
4	30	9	33	--	5
4	30	9	34	--	5
4	30	9	35	--	5
4	30	9	36	--	5
4	2	10	3	--	4
4	2	10	6	--	4
4	2	10	18	--	5
4	3	10	4	--	4
4	3	10	13	--	5
4	3	10	24	--	5
4	3	10	36	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	4	10	1	--	4
4	5	10	31	--	4
4	6	10	13	--	4
4	8	10	36	--	4
4	9	10	11	--	4
4	9	10	12	--	4
4	9	10	15	--	4
4	13	10	2	1-16	3
4	14	10	16	--	5
4	14	10	21	--	5
4	14	10	27	--	5
4	14	10	28	--	5
4	14	10	29	--	5
4	14	10	30	--	5
4	14	10	31	--	5
4	14	10	32	--	5
4	14	10	33	--	5
4	14	10	34	--	5
4	14	10	35	--	5
4	14	10	36	--	5
4	15	10	13	--	5
4	15	10	24	--	5
4	15	10	25	--	5
4	15	10	36	--	5
4	16	10	18	--	5
4	16	10	19	--	5
4	16	10	20	--	4
4	16	10	29	--	4
4	16	10	30	--	4
4	17	10	2	--	4
4	17	10	3	--	4
4	17	10	9	--	5
4	17	10	10	--	5
4	17	10	11	--	5
4	17	10	12	--	4
4	17	10	17	--	5
4	17	10	19	--	4
4	18	10	21	--	4
4	18	10	23	--	4
4	18	10	24	--	4
4	18	10	25	--	5
4	18	10	26	--	5
4	18	10	27	--	5
4	18	10	28	--	5
4	18	10	29	--	5
4	18	10	30	--	5
4	18	10	31	--	5
4	19	10	26	--	5
4	19	10	27	--	5
4	19	10	28	--	4
4	19	10	29	--	4
4	19	10	30	--	5
4	19	10	31	--	4
4	19	10	32	--	4
4	19	10	33	6, 7	1
4	19	10	33	--	4
4	19	10	34	--	4
4	19	10	35	--	5
4	19	10	36	--	5
4	20	10	18	--	5
4	20	10	19	--	5
4	20	10	20	--	5
4	20	10	21	--	5
4	20	10	22	--	4
4	20	10	25	--	5
4	20	10	26	--	4
4	20	10	27	--	5
4	20	10	28	--	5
4	20	10	29	--	5
4	20	10	30	--	5
4	20	10	34	--	5
4	20	10	35	--	5
4	20	10	36	--	5
4	21	10	6	--	5
4	21	10	10	--	4
4	21	10	13	--	4
4	21	10	15	--	4
4	21	10	23	--	4
4	24	10	1	--	4
4	24	10	2	--	4
4	24	10	3	--	4
4	24	10	4	--	4
4	24	10	9	--	4
4	24	10	17	--	4
4	24	10	20	--	4
4	24	10	29	--	4
4	24	10	30	--	4
4	25	10	2	--	4
4	25	10	3	--	4
4	25	10	4	--	4
4	25	10	5	--	4
4	25	10	10	--	4
4	25	10	11	--	4
4	25	10	12	--	4
4	25	10	13	--	4
4	25	10	22	--	4
4	25	10	23	--	4
4	25	10	24	--	4
4	25	10	25	--	4
4	25	10	26	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	27	10	1	--	5
4	27	10	2	--	5
4	27	10	3	--	5
4	27	10	4	--	5
4	27	10	5	--	5
4	27	10	6	--	5
4	27	10	7	--	5
4	27	10	8	--	5
4	27	10	9	--	5
4	27	10	10	--	5
4	27	10	11	--	5
4	27	10	12	--	5
4	27	10	13	--	5
4	27	10	14	--	5
4	27	10	15	--	5
4	27	10	16	--	5
4	27	10	17	--	5
4	27	10	18	--	5
4	27	10	19	--	5
4	27	10	20	--	5
4	27	10	21	--	5
4	27	10	22	--	5
4	27	10	23	--	5
4	27	10	24	--	4
4	27	10	25	--	4
4	27	10	26	--	5
4	27	10	27	--	5
4	27	10	28	--	5
4	27	10	29	--	5
4	27	10	30	--	5
4	27	10	31	--	5
4	27	10	32	--	5
4	27	10	33	--	5
4	27	10	34	--	5
4	27	10	35	--	5
4	27	10	36	--	4
4	28	10	1	--	5
4	28	10	2	--	5
4	28	10	3	--	5
4	28	10	4	--	5
4	28	10	5	--	5
4	28	10	6	--	5
4	28	10	7	--	5
4	28	10	8	--	5
4	28	10	9	--	5
4	28	10	10	--	5
4	28	10	11	--	5
4	28	10	12	--	5
4	28	10	13	--	5
4	28	10	14	--	5
4	28	10	15	--	5
4	28	10	16	--	5
4	28	10	17	--	5
4	28	10	18	--	5
4	28	10	19	--	5
4	28	10	20	--	5
4	28	10	21	--	5
4	28	10	22	--	5
4	28	10	23	--	5
4	28	10	24	--	5
4	28	10	25	--	5
4	28	10	26	--	5
4	28	10	27	--	5
4	28	10	28	--	5
4	28	10	29	--	5
4	28	10	30	--	5
4	28	10	31	--	5
4	28	10	32	--	5
4	28	10	33	--	5
4	28	10	34	--	5
4	28	10	35	--	5
4	28	10	36	--	5
4	29	10	1	--	5
4	29	10	2	--	5
4	29	10	3	--	5
4	29	10	4	--	5
4	29	10	5	--	5
4	29	10	6	--	5
4	29	10	7	--	5
4	29	10	8	--	5
4	29	10	9	--	5
4	29	10	10	--	5
4	29	10	11	--	5
4	29	10	12	--	5
4	29	10	13	--	5
4	29	10	14	--	5
4	29	10	15	--	5
4	29	10	16	--	5
4	29	10	17	--	5
4	29	10	18	--	5
4	29	10	19	--	5
4	29	10	20	--	5
4	29	10	21	--	5
4	29	10	22	--	5
4	29	10	23	--	5
4	29	10	24	--	5
4	29	10	25	--	5
4	29	10	26	--	5
4	29	10	27	--	5
4	29	10	28	--	5

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	29	10	29	--	5
4	29	10	30	--	5
4	29	10	31	--	5
4	29	10	32	--	5
4	29	10	33	--	5
4	29	10	34	--	5
4	29	10	35	--	5
4	29	10	36	--	5
4	30	10	1	--	5
4	30	10	2	--	5
4	30	10	3	--	5
4	30	10	4	--	5
4	30	10	9	--	5
4	30	10	10	--	5
4	30	10	11	--	5
4	30	10	12	--	5
4	30	10	13	--	5
4	30	10	14	--	5
4	30	10	15	--	5
4	30	10	16	--	5
4	30	10	21	--	5
4	30	10	22	--	5
4	30	10	23	--	5
4	30	10	24	--	5
4	30	10	25	--	5
4	30	10	26	--	5
4	30	10	27	--	5
4	30	10	28	--	5
4	30	10	33	--	5
4	30	10	34	--	5
4	30	10	35	--	5
4	30	10	36	--	5
4	2	11	6	--	4
4	2	11	10	--	4
4	2	11	29	--	4
4	2	11	30	--	5
4	2	11	31	--	4
4	3	11	1	--	5
4	3	11	12	--	4
4	3	11	13	--	4
4	3	11	14	--	4
4	3	11	15	--	4
4	3	11	16	--	4
4	3	11	17	--	4
4	3	11	18	--	4
4	3	11	23	--	4
4	3	11	24	--	4
4	3	11	25	--	4
4	5	11	5	--	4
4	5	11	9	--	4

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	5	11	11	--	4
4	5	11	14	--	4
4	5	11	17	--	4
4	6	11	34	--	4
4	7	11	13	--	4
4	7	11	27	--	4
4	7	11	33	--	4
4	9	11	1	--	4
4	11	11	4	--	4
4	11	11	8	--	4
4	11	11	9	--	4
4	11	11	15	--	4
4	11	11	16	--	4
4	11	11	17	15, 16	1
4	11	11	17	--	4
4	11	11	18	--	5
4	11	11	19	--	4
4	11	11	20	1, 2	1
4	11	11	20	--	4
4	11	11	21	--	4
4	11	11	27	--	4
4	11	11	32	--	4
4	11	11	33	--	4
4	11	11	34	--	4
4	11	11	35	--	4
4	12	11	3	--	5
4	12	11	4	--	5
4	12	11	5	--	5
4	12	11	7	5, 6	3
4	12	11	7	--	5
4	12	11	8	--	5
4	12	11	9	--	4
4	12	11	10	--	5
4	12	11	14	--	5
4	12	11	15	--	5
4	12	11	16	--	5
4	12	11	17	--	5
4	12	11	18	--	5
4	12	11	19	--	5
4	12	11	20	--	5
4	12	11	21	--	5
4	12	11	22	--	5
4	12	11	23	--	5
4	12	11	24	--	5
4	12	11	26	--	5
4	12	11	27	--	5
4	12	11	28	--	5
4	12	11	29	--	5
4	12	11	30	--	5
4	12	11	32	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	12	11	33	--	5
4	12	11	34	--	5
4	12	11	35	--	5
4	12	11	36	--	5
4	13	11	4	--	5
4	13	11	5	--	5
4	13	11	6	--	5
4	13	11	7	--	5
4	13	11	8	--	5
4	13	11	9	--	5
4	13	11	10	--	5
4	13	11	11	--	4
4	13	11	12	--	4
4	13	11	13	--	5
4	13	11	14	14, 15	3
4	13	11	14	--	4
4	13	11	15	--	5
4	13	11	16	--	5
4	13	11	17	--	5
4	13	11	18	--	5
4	13	11	21	--	4
4	13	11	22	--	4
4	13	11	23	2, 3	3
4	13	11	23	--	4
4	13	11	24	--	5
4	13	11	26	--	5
4	13	11	27	--	4
4	13	11	28	--	5
4	13	11	34	--	5
4	13	11	35	--	5
4	14	11	1	--	5
4	14	11	2	--	5
4	14	11	3	--	5
4	14	11	4	--	5
4	14	11	5	--	5
4	14	11	6	--	5
4	14	11	8	--	5
4	14	11	9	--	5
4	14	11	10	--	5
4	14	11	11	--	5
4	14	11	12	--	5
4	14	11	13	--	4
4	14	11	14	--	5
4	16	11	6	--	4
4	16	11	25	--	4
4	19	11	1	--	5
4	19	11	2	--	4
4	19	11	3	--	5
4	19	11	4	--	4
4	19	11	10	--	5
4	19	11	11	--	4
4	19	11	12	--	5
4	19	11	14	1-16	3
4	19	11	15	--	5
4	19	11	22	--	5
4	19	11	26	--	5
4	19	11	27	--	4
4	19	11	35	--	5
4	22	11	17	--	4
4	22	11	18	--	4
4	22	11	19	--	4
4	22	11	20	--	4
4	22	11	21	--	4
4	23	11	3	9	1
4	23	11	13	--	5
4	23	11	24	--	5
4	26	11	1	--	5
4	26	11	6	--	4
4	27	11	12	--	4
4	27	11	22	--	4
4	28	11	1	--	5
4	28	11	2	--	5
4	28	11	3	--	5
4	28	11	4	--	5
4	28	11	5	--	5
4	28	11	6	--	5
4	28	11	7	--	5
4	28	11	8	--	5
4	28	11	9	--	5
4	28	11	10	--	5
4	28	11	11	--	5
4	28	11	12	--	5
4	28	11	13	--	5
4	28	11	14	--	5
4	28	11	15	--	5
4	28	11	16	--	5
4	28	11	17	--	5
4	28	11	18	--	5
4	28	11	19	--	5
4	28	11	20	--	5
4	28	11	21	--	5
4	28	11	22	--	5
4	28	11	23	--	5
4	28	11	24	--	5
4	28	11	25	--	5
4	28	11	26	--	5
4	28	11	27	--	4
4	28	11	28	--	4
4	28	11	29	--	5
4	28	11	30	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	28	11	31	--	5
4	28	11	32	--	5
4	28	11	33	--	5
4	28	11	34	--	4
4	28	11	35	--	5
4	28	11	36	--	5
4	29	11	1	--	5
4	29	11	2	--	5
4	29	11	3	--	5
4	29	11	4	--	5
4	29	11	5	--	5
4	29	11	6	--	5
4	29	11	7	--	5
4	29	11	8	--	5
4	29	11	9	--	5
4	29	11	10	--	5
4	29	11	11	--	5
4	29	11	12	--	5
4	29	11	13	--	5
4	29	11	14	--	5
4	29	11	15	--	5
4	29	11	16	--	5
4	29	11	17	--	5
4	29	11	18	--	5
4	29	11	19	--	5
4	29	11	20	--	5
4	29	11	21	--	5
4	29	11	22	--	5
4	29	11	23	--	5
4	29	11	24	--	5
4	29	11	25	--	5
4	29	11	26	--	5
4	29	11	27	--	5
4	29	11	28	--	5
4	29	11	29	--	5
4	29	11	30	--	5
4	29	11	31	--	5
4	29	11	32	--	5
4	29	11	33	--	5
4	29	11	34	--	5
4	29	11	35	--	5
4	29	11	36	--	5
4	30	11	1	--	5
4	30	11	2	--	5
4	30	11	11	--	5
4	30	11	12	--	5
4	30	11	13	--	5
4	30	11	14	--	5
4	30	11	23	--	5
4	30	11	24	--	5
4	30	11	25	--	5
4	30	11	26	--	5
4	30	11	35	--	5
4	30	11	36	--	5
4	2	12	1	--	4
4	2	12	3	--	5
4	2	12	21	--	5
4	5	12	15	--	5
4	5	12	19	--	5
4	5	12	25	--	5
4	5	12	28	--	5
4	5	12	29	11-15	1
4	5	12	29	--	5
4	5	12	31	3-6, 11-14	1
4	5	12	31	9, 10, 15, 16	2
4	6	12	24	10, 11, 14-16	1
4	6	12	24	1-9, 12, 13	3
4	6	12	25	2, 3	1
4	6	12	25	--	4
4	6	12	32	--	5
4	6	12	33	--	5
4	6	12	34	--	5
4	6	12	35	--	4
4	6	12	36	1, 2, 7, 8	2
4	7	12	19	--	5
4	7	12	28	--	5
4	7	12	29	--	5
4	7	12	30	--	5
4	7	12	32	--	5
4	7	12	33	--	5
4	8	12	13	--	5
4	8	12	20	--	5
4	8	12	21	3	3
4	8	12	21	--	5
4	8	12	22	--	4
4	8	12	23	--	5
4	8	12	24	--	5
4	8	12	25	--	4
4	8	12	26	--	4
4	8	12	27	--	4
4	8	12	28	--	5
4	8	12	29	--	5
4	8	12	31	--	5
4	8	12	32	--	5
4	8	12	33	--	5
4	8	12	34	--	4
4	8	12	35	--	4
4	8	12	36	--	5
4	9	12	31	--	4
4	9	12	32	--	5

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	9	12	33	--	4
4	9	12	34	--	4
4	9	12	35	--	5
4	9	12	36	--	5
4	10	12	5	--	5
4	10	12	6	--	5
4	10	12	7	--	5
4	10	12	8	--	5
4	10	12	17	--	5
4	10	12	18	--	5
4	10	12	19	--	5
4	10	12	20	--	5
4	10	12	21	--	5
4	10	12	22	--	5
4	10	12	26	--	5
4	10	12	27	--	5
4	10	12	28	--	5
4	10	12	29	--	5
4	10	12	30	--	5
4	10	12	33	--	5
4	10	12	34	--	5
4	10	12	35	--	5
4	10	12	36	--	5
4	11	12	1	--	5
4	11	12	2	--	5
4	11	12	3	--	4
4	11	12	10	--	5
4	11	12	11	--	5
4	11	12	12	--	5
4	11	12	13	--	5
4	11	12	24	--	5
4	12	12	28	--	5
4	12	12	33	--	5
4	19	12	2	--	5
4	19	12	9	--	5
4	19	12	10	--	5
4	19	12	16	--	5
4	20	12	14	--	4
4	20	12	22	--	4
4	20	12	23	--	4
4	20	12	28	--	5
4	20	12	31	--	4
4	20	12	32	--	4
4	20	12	33	--	5
4	21	12	26	7	1
4	23	12	16	7	2
4	28	12	1	--	5
4	28	12	2	--	5
4	28	12	3	--	5
4	28	12	4	--	5

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	28	12	5	--	5
4	28	12	6	--	5
4	28	12	7	--	5
4	28	12	8	--	5
4	28	12	9	--	5
4	28	12	10	--	5
4	28	12	11	--	5
4	28	12	12	--	5
4	28	12	13	--	5
4	28	12	14	--	5
4	28	12	15	--	5
4	28	12	16	--	5
4	28	12	17	--	5
4	28	12	18	--	5
4	28	12	19	--	5
4	28	12	20	--	5
4	28	12	21	--	5
4	28	12	22	--	5
4	28	12	23	--	5
4	28	12	24	--	5
4	28	12	25	--	5
4	28	12	26	--	5
4	28	12	27	--	5
4	28	12	28	--	5
4	28	12	29	--	5
4	28	12	30	--	5
4	28	12	31	--	5
4	28	12	32	--	5
4	28	12	33	--	5
4	28	12	34	--	5
4	28	12	35	--	5
4	28	12	36	--	5
4	29	12	1	--	5
4	29	12	2	--	5
4	29	12	3	--	5
4	29	12	4	--	5
4	29	12	5	--	5
4	29	12	6	--	5
4	29	12	7	--	5
4	29	12	8	--	5
4	29	12	9	--	5
4	29	12	10	--	5
4	29	12	11	--	5
4	29	12	12	--	5
4	29	12	13	--	5
4	29	12	14	--	5
4	29	12	15	--	5
4	29	12	16	--	5
4	29	12	17	--	5
4	29	12	18	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	29	12	19	--	5
4	29	12	20	--	5
4	29	12	21	--	5
4	29	12	22	--	5
4	29	12	23	--	5
4	29	12	24	--	5
4	29	12	25	--	5
4	29	12	26	--	5
4	29	12	27	--	5
4	29	12	28	--	5
4	29	12	29	--	5
4	29	12	30	--	5
4	29	12	31	--	5
4	29	12	32	--	5
4	29	12	33	--	5
4	29	12	34	--	5
4	29	12	35	--	5
4	29	12	36	--	5
4	30	12	1	--	5
4	30	12	2	--	5
4	30	12	11	--	5
4	30	12	12	--	5
4	30	12	13	--	5
4	30	12	14	--	5
4	30	12	23	--	5
4	30	12	24	--	5
4	30	12	25	--	5
4	30	12	26	--	5
4	30	12	35	--	5
4	30	12	36	--	5
4	2	13	28	16	3
4	2	13	28	--	5
4	2	13	33	--	5
4	3	13	21	--	4
4	3	13	29	--	5
4	3	13	30	--	5
4	3	13	32	--	4
4	5	13	3	--	5
4	5	13	4	--	5
4	5	13	5	--	4
4	5	13	8	--	4
4	5	13	9	--	4
4	5	13	10	--	5
4	5	13	15	--	5
4	5	13	16	--	5
4	5	13	17	--	5
4	5	13	19	--	5
4	5	13	20	--	5
4	5	13	21	--	5
4	6	13	3	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	6	13	4	--	5
4	6	13	5	--	4
4	6	13	6	--	5
4	6	13	7	--	5
4	6	13	8	9	2
4	6	13	8	6	3
4	6	13	18	--	5
4	6	13	34	--	4
4	7	13	1	--	5
4	7	13	2	--	5
4	7	13	3	--	5
4	7	13	4	--	5
4	7	13	5	--	5
4	7	13	8	--	5
4	7	13	9	--	5
4	7	13	10	--	5
4	7	13	11	--	5
4	7	13	13	--	5
4	7	13	14	--	5
4	7	13	15	--	5
4	8	13	1	--	5
4	8	13	2	--	5
4	8	13	3	--	5
4	8	13	4	--	5
4	8	13	5	--	5
4	8	13	6	--	5
4	8	13	7	--	5
4	8	13	8	--	5
4	8	13	9	--	5
4	8	13	10	--	5
4	8	13	11	--	5
4	8	13	12	--	5
4	8	13	13	--	5
4	8	13	14	--	5
4	8	13	15	--	5
4	8	13	16	--	5
4	9	13	1	--	4
4	9	13	2	--	5
4	9	13	3	--	5
4	9	13	4	--	5
4	9	13	5	--	5
4	9	13	6	--	5
4	9	13	7	--	5
4	9	13	8	--	5
4	9	13	9	--	4
4	9	13	10	--	5
4	9	13	11	14, 15	3
4	9	13	11	--	4
4	9	13	12	--	4
4	9	13	13	--	5

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	9	13	14	2-4	3
4	9	13	14	--	4
4	9	13	15	--	4
4	9	13	16	--	4
4	9	13	25	--	4
4	10	13	1	--	5
4	10	13	2	--	5
4	10	13	3	--	5
4	10	13	4	--	5
4	10	13	10	--	5
4	10	13	11	--	5
4	10	13	12	--	5
4	10	13	22	--	4
4	10	13	23	--	4
4	12	13	4	--	4
4	12	13	7	--	5
4	12	13	18	--	5
4	13	13	31	--	5
4	13	13	32	--	5
4	13	13	33	--	5
4	13	13	34	--	5
4	13	13	35	--	5
4	13	13	36	--	5
4	20	13	7	--	4
4	20	13	17	--	5
4	20	13	18	--	4
4	20	13	19	--	4
4	20	13	20	--	4
4	20	13	21	--	5
4	20	13	22	--	5
4	20	13	23	--	5
4	20	13	24	--	5
4	20	13	25	--	5
4	20	13	26	--	5
4	20	13	27	--	5
4	20	13	28	--	5
4	20	13	29	--	4
4	20	13	30	--	4
4	20	13	31	--	4
4	20	13	32	--	4
4	20	13	33	--	4
4	20	13	34	--	5
4	21	13	13	--	5
4	21	13	14	--	5
4	21	13	23	--	4
4	21	13	24	1	3
4	21	13	24	--	4
4	21	13	25	1-16	3
4	21	13	26	--	4
4	21	13	35	--	5
4	21	13	36	--	5
4	23	13	32	7	2
4	27	13	27	5, 12	3
4	27	13	27	--	5
4	27	13	28	--	5
4	27	13	33	--	5
4	27	13	34	--	5
4	28	13	1	--	4
4	28	13	2	--	5
4	28	13	3	--	5
4	28	13	4	--	5
4	28	13	5	--	5
4	28	13	6	--	5
4	28	13	7	--	5
4	28	13	8	--	5
4	28	13	9	--	5
4	28	13	10	--	5
4	28	13	11	--	5
4	28	13	12	--	4
4	28	13	13	--	4
4	28	13	14	--	5
4	28	13	15	--	5
4	28	13	16	--	5
4	28	13	17	--	5
4	28	13	18	--	5
4	28	13	19	--	5
4	28	13	20	--	5
4	28	13	21	--	5
4	28	13	22	--	5
4	28	13	23	--	5
4	28	13	24	--	5
4	28	13	25	--	5
4	28	13	26	--	5
4	28	13	27	--	4
4	28	13	28	7-10, 15, 16	3
4	28	13	28	--	4
4	28	13	29	--	5
4	28	13	30	--	5
4	28	13	31	--	4
4	28	13	32	--	4
4	28	13	33	7, 8	3
4	28	13	33	--	5
4	28	13	34	--	5
4	28	13	35	--	5
4	28	13	36	--	5
4	29	13	1	--	5
4	29	13	2	--	5
4	29	13	3	--	5
4	29	13	4	--	5
4	29	13	5	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	29	13	6	--	5
4	29	13	7	--	5
4	29	13	8	--	5
4	29	13	9	--	5
4	29	13	10	--	5
4	29	13	11	--	5
4	29	13	12	--	5
4	29	13	13	--	5
4	29	13	14	--	5
4	29	13	15	--	5
4	29	13	16	--	5
4	29	13	17	--	5
4	29	13	18	--	5
4	29	13	19	--	5
4	29	13	20	--	5
4	29	13	21	--	5
4	29	13	22	--	5
4	29	13	23	--	5
4	29	13	24	--	5
4	29	13	25	--	5
4	29	13	26	--	5
4	29	13	27	--	5
4	29	13	28	--	5
4	29	13	29	--	5
4	29	13	30	--	5
4	29	13	31	--	5
4	29	13	32	--	5
4	29	13	33	--	5
4	29	13	34	--	5
4	29	13	35	--	5
4	29	13	36	--	5
4	30	13	1	--	5
4	30	13	2	--	5
4	30	13	11	--	5
4	30	13	12	--	5
4	30	13	13	--	5
4	30	13	14	--	5
4	30	13	23	--	5
4	30	13	24	--	5
4	30	13	25	--	5
4	30	13	26	--	5
4	30	13	35	--	5
4	30	13	36	--	5
4	1	14	8	--	4
4	1	14	13	--	5
4	1	14	17	--	4
4	1	14	18	--	4
4	1	14	19	7-10	3
4	1	14	19	--	4
4	1	14	20	--	4
4	1	14	22	--	4
4	1	14	23	--	4
4	1	14	24	--	5
4	1	14	25	--	5
4	1	14	26	--	5
4	1	14	27	--	4
4	1	14	29	--	4
4	1	14	30	--	4
4	1	14	34	--	4
4	1	14	35	--	4
4	2	14	22	--	4
4	2	14	23	--	4
4	2	14	24	--	4
4	2	14	25	3	3
4	2	14	25	--	4
4	2	14	35	--	4
4	4	14	7	--	4
4	4	14	19	--	5
4	5	14	5	--	5
4	5	14	12	--	5
4	5	14	13	--	5
4	5	14	24	--	5
4	5	14	25	--	5
4	5	14	36	--	5
4	6	14	9	--	4
4	9	14	15	--	4
4	12	14	20	--	4
4	12	14	28	--	4
4	12	14	31	--	4
4	12	14	32	--	4
4	13	14	2	--	5
4	13	14	3	--	5
4	13	14	4	--	5
4	13	14	5	--	5
4	13	14	6	--	5
4	14	14	1	--	5
4	14	14	2	--	4
4	14	14	3	--	4
4	14	14	9	--	5
4	14	14	10	--	5
4	14	14	11	--	5
4	14	14	12	--	5
4	14	14	20	--	4
4	14	14	21	--	4
4	14	14	30	--	5
4	15	14	24	--	5
4	15	14	25	--	5
4	15	14	26	--	5
4	16	14	25	--	5
4	18	14	17	2	2

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	20	14	3	--	5
4	20	14	6	--	4
4	20	14	7	--	4
4	20	14	8	--	5
4	20	14	9	--	5
4	20	14	10	--	4
4	20	14	16	--	5
4	20	14	17	--	4
4	20	14	18	--	4
4	20	14	19	--	4
4	20	14	20	--	4
4	21	14	13	--	4
4	21	14	22	--	5
4	21	14	23	--	5
4	21	14	24	--	5
4	21	14	25	--	4
4	21	14	27	--	5
4	21	14	28	--	5
4	21	14	29	--	5
4	21	14	30	--	5
4	21	14	31	--	5
4	21	14	32	--	5
4	21	14	33	--	5
4	21	14	36	--	4
4	22	14	25	--	5
4	25	14	11	--	4
4	25	14	32	--	4
4	28	14	1	--	5
4	28	14	2	--	5
4	28	14	3	--	5
4	28	14	4	--	5
4	28	14	5	--	5
4	28	14	6	--	5
4	28	14	7	--	5
4	28	14	8	--	4
4	28	14	9	--	5
4	28	14	10	--	5
4	28	14	11	--	5
4	28	14	12	--	5
4	28	14	13	--	5
4	28	14	14	--	5
4	28	14	15	1	3
4	28	14	15	--	5
4	28	14	16	--	5
4	28	14	17	1	3
4	28	14	17	--	5
4	28	14	18	--	5
4	28	14	19	--	5
4	28	14	20	--	5
4	28	14	21	--	5
4	28	14	22	--	5
4	28	14	23	--	5
4	28	14	24	--	5
4	28	14	25	--	5
4	28	14	26	--	5
4	28	14	27	--	4
4	28	14	28	--	4
4	28	14	29	--	5
4	28	14	30	--	5
4	28	14	31	--	5
4	28	14	32	--	5
4	28	14	33	1, 8, 9, 13, 14	3
4	28	14	33	--	4
4	28	14	34	--	4
4	28	14	35	--	5
4	28	14	36	--	5
4	29	14	1	--	5
4	29	14	2	--	5
4	29	14	3	--	5
4	29	14	4	--	5
4	29	14	5	--	5
4	29	14	6	--	5
4	29	14	7	--	5
4	29	14	8	--	5
4	29	14	9	--	5
4	29	14	10	--	5
4	29	14	11	--	5
4	29	14	12	--	5
4	29	14	13	--	5
4	29	14	14	--	5
4	29	14	15	--	5
4	29	14	16	--	5
4	29	14	17	--	5
4	29	14	18	--	5
4	29	14	19	--	5
4	29	14	20	--	5
4	29	14	21	--	5
4	29	14	22	--	5
4	29	14	23	--	5
4	29	14	24	--	5
4	29	14	25	--	5
4	29	14	26	--	5
4	29	14	27	--	5
4	29	14	28	--	5
4	29	14	29	--	5
4	29	14	30	--	5
4	29	14	31	--	5
4	29	14	32	--	5
4	29	14	33	--	5
4	29	14	34	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	29	14	35	--	5
4	29	14	36	--	5
4	30	14	1	--	5
4	30	14	2	--	5
4	30	14	11	--	5
4	30	14	12	--	5
4	30	14	13	--	5
4	30	14	14	--	5
4	30	14	23	--	5
4	30	14	24	--	5
4	30	14	25	--	5
4	30	14	26	--	5
4	30	14	35	--	5
4	30	14	36	--	5
4	1	15	2	--	4
4	1	15	4	--	4
4	1	15	5	--	4
4	1	15	6	--	4
4	1	15	17	--	4
4	3	15	1	--	4
4	3	15	6	--	4
4	3	15	9	--	4
4	3	15	17	--	4
4	3	15	18	--	4
4	3	15	28	--	4
4	3	15	31	--	4
4	4	15	27	--	4
4	4	15	30	--	4
4	4	15	35	--	4
4	5	15	3	--	4
4	5	15	4	--	4
4	5	15	5	--	4
4	5	15	9	15	1
4	5	15	9	--	5
4	5	15	11	--	4
4	5	15	13	--	4
4	5	15	15	--	5
4	5	15	16	--	5
4	5	15	24	--	4
4	5	15	25	--	4
4	5	15	34	--	4
4	6	15	4	--	4
4	7	15	1	--	4
4	7	15	2	--	4
4	7	15	5	--	4
4	8	15	1	--	4
4	8	15	6	--	4
4	9	15	10	--	5
4	10	15	29	3	1
4	10	15	36	--	4
4	12	15	5	--	4
4	12	15	13	--	4
4	13	15	1	--	4
4	14	15	4	--	4
4	15	15	19	16	2
4	16	15	32	--	5
4	21	15	4	--	4
4	22	15	2	--	4
4	22	15	31	--	5
4	24	15	31	--	4
4	25	15	7	--	4
4	26	15	2	--	4
4	26	15	12	--	4
4	28	15	3	2, 3	3
4	28	15	3	--	5
4	28	15	8	10, 11	3
4	28	15	8	--	5
4	29	15	35	--	5
4	29	15	36	13	3
4	29	15	36	--	5
4	3	16	17	--	4
4	3	16	21	--	4
4	3	16	27	--	4
4	3	16	30	--	5
4	3	16	31	--	5
4	4	16	1	--	4
4	4	16	12	--	4
4	4	16	23	--	4
4	4	16	24	--	4
4	4	16	25	--	5
4	4	16	26	--	4
4	4	16	27	--	4
4	4	16	36	--	5
4	5	16	3	--	4
4	5	16	10	--	5
4	5	16	14	--	4
4	5	16	15	4	3
4	5	16	15	--	4
4	5	16	16	1	3
4	5	16	16	--	5
4	5	16	22	--	5
4	5	16	28	--	5
4	5	16	29	15	3
4	5	16	29	--	5
4	5	16	32	--	5
4	5	16	33	--	5
4	5	16	35	--	5
4	7	16	21	10	3
4	7	16	21	--	5
4	8	16	33	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	8	16	34	--	5
4	10	16	2	--	4
4	10	16	11	--	4
4	12	16	10	--	4
4	12	16	11	--	4
4	16	16	5	--	5
4	16	16	18	--	5
4	20	16	29	--	4
4	20	16	32	--	4
4	21	16	13	--	4
4	21	16	29	--	4
4	22	16	6	--	5
4	23	16	24	--	5
4	28	16	15	5, 11	2
4	29	16	1	--	5
4	29	16	2	--	5
4	29	16	8	--	4
4	29	16	9	1, 2, 7, 8	3
4	29	16	9	--	5
4	29	16	15	--	5
4	29	16	16	1, 2	3
4	29	16	16	--	5
4	29	16	17	--	4
4	29	16	36	--	4
4	2	17	4	--	4
4	2	17	9	--	4
4	3	17	6	--	5
4	3	17	7	--	5
4	3	17	16	--	5
4	3	17	17	--	5
4	3	17	18	--	5
4	3	17	19	--	5
4	3	17	30	--	5
4	3	17	31	--	5
4	3	17	32	--	5
4	4	17	1	--	5
4	4	17	11	--	5
4	4	17	12	--	5
4	4	17	14	--	5
4	4	17	15	--	5
4	4	17	22	--	5
4	4	17	24	--	5
4	4	17	25	--	5
4	5	17	2	--	5
4	5	17	9	--	4
4	6	17	24	--	4
4	8	17	2	--	5
4	8	17	3	--	5
4	8	17	4	--	5
4	9	17	20	--	4
4	10	17	27	--	4
4	11	17	10	--	4
4	11	17	11	--	4
4	11	17	15	--	4
4	11	17	16	--	4
4	11	17	21	--	4
4	11	17	22	--	4
4	11	17	28	--	4
4	11	17	33	--	4
4	17	17	1	--	4
4	17	17	10	--	5
4	17	17	11	--	5
4	17	17	14	--	4
4	17	17	15	--	4
4	17	17	16	--	5
4	17	17	17	--	4
4	17	17	18	--	4
4	17	17	19	--	4
4	17	17	20	--	4
4	17	17	28	--	4
4	17	17	30	--	4
4	17	17	31	--	4
4	18	17	14	--	5
4	18	17	25	--	5
4	18	17	27	--	4
4	18	17	33	--	4
4	18	17	36	--	4
4	19	17	24	--	4
4	20	17	29	--	4
4	21	17	12	--	4
4	23	17	29	--	5
4	28	17	9	--	4
4	29	17	34	--	4
4	29	17	35	12	1
4	29	17	35	--	4
4	1	18	32	--	4
4	1	18	33	--	4
4	3	18	3	--	4
4	3	18	5	--	5
4	3	18	6	--	5
4	3	18	7	--	5
4	3	18	8	--	5
4	3	18	17	--	4
4	3	18	18	--	5
4	3	18	19	--	4
4	3	18	30	--	5
4	3	18	31	--	5
4	6	18	8	--	4
4	8	18	23	--	4
4	11	18	18	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	14	18	15	13	1
4	14	18	16	15, 16	1
4	14	18	17	--	5
4	14	18	22	1-4, 8	1
4	14	18	23	4-6	1
4	14	18	32	6, 11	2
4	15	18	12	--	4
4	15	18	16	--	4
4	15	18	27	--	5
4	17	18	20	--	4
4	18	18	1	--	5
4	18	18	2	--	5
4	18	18	4	--	4
4	18	18	5	--	4
4	18	18	9	--	4
4	18	18	11	--	4
4	18	18	12	--	5
4	18	18	13	1-16	3
4	18	18	14	1-16	3
4	18	18	15	1-16	3
4	18	18	17	--	4
4	18	18	19	1-16	3
4	18	18	20	1-16	3
4	18	18	21	1-16	3
4	18	18	22	1-16	3
4	18	18	23	1-16	3
4	18	18	24	--	5
4	18	18	25	1-16	3
4	18	18	26	1-16	3
4	18	18	27	1-16	3
4	18	18	28	1-16	3
4	18	18	29	1-16	3
4	18	18	30	1-16	3
4	18	18	31	1-16	3
4	18	18	32	1-16	3
4	18	18	33	1-16	3
4	18	18	34	1-16	3
4	18	18	35	1-16	3
4	18	18	36	1-16	3
4	19	18	2	--	4
4	19	18	11	--	4
4	19	18	14	--	4
4	19	18	15	--	4
4	19	18	17	--	4
4	19	18	22	--	4
4	19	18	24	--	4
4	19	18	26	--	4
4	19	18	29	--	4
4	19	18	31	--	4
4	20	18	5	--	4
4	20	18	8	--	4
4	20	18	13	--	4
4	20	18	14	--	4
4	20	18	17	--	4
4	23	18	35	--	4
4	28	18	2	--	4
4	28	18	31	--	4
4	29	18	3	--	4
4	29	18	31	--	4
4	29	18	32	--	4
4	29	18	33	--	4
4	29	18	34	--	4
4	1	19	3	--	4
4	1	19	22	--	4
4	2	19	10	--	5
4	2	19	17	--	4
4	2	19	18	--	4
4	2	19	19	--	4
4	2	19	20	--	4
4	2	19	21	--	4
4	2	19	22	--	4
4	2	19	23	--	4
4	2	19	26	--	4
4	2	19	27	--	4
4	2	19	28	--	4
4	2	19	29	--	4
4	2	19	34	--	4
4	2	19	35	--	4
4	2	19	36	--	4
4	3	19	5	--	5
4	3	19	6	--	5
4	3	19	9	--	5
4	3	19	10	--	5
4	3	19	11	--	5
4	3	19	13	--	5
4	4	19	19	--	5
4	4	19	24	--	4
4	4	19	29	--	5
4	4	19	30	--	5
4	4	19	31	--	5
4	4	19	32	--	5
4	4	19	33	1, 7	3
4	4	19	33	--	5
4	4	19	34	--	5
4	5	19	13	--	5
4	5	19	14	1, 2, 7, 8	1
4	5	19	14	11	3
4	5	19	14	--	5
4	5	19	24	--	5
4	5	19	25	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	6	19	10	6	3
4	6	19	10	--	5
4	6	19	22	--	4
4	9	19	23	--	4
4	14	19	2	2	1
4	15	19	27	--	4
4	15	19	35	--	4
4	17	19	7	--	5
4	17	19	18	--	5
4	17	19	36	--	4
4	18	19	1	1-16	3
4	18	19	2	1-16	3
4	18	19	3	15, 16	1
4	18	19	3	1-14	3
4	18	19	4	1-16	3
4	18	19	5	1-16	3
4	18	19	6	1-16	3
4	18	19	7	1-16	3
4	18	19	8	1-16	3
4	18	19	9	1-16	3
4	18	19	10	1, 2	1
4	18	19	10	3-16	3
4	18	19	11	1-16	3
4	18	19	12	1-16	3
4	18	19	13	1-16	3
4	18	19	14	1-16	3
4	18	19	15	1-16	3
4	18	19	16	1-16	3
4	18	19	17	1-16	3
4	18	19	18	1-16	3
4	18	19	19	1-16	3
4	18	19	20	1-16	3
4	18	19	21	1-16	3
4	18	19	22	1-16	3
4	18	19	23	1-16	3
4	18	19	24	1-16	3
4	18	19	25	1-16	3
4	18	19	26	1-16	3
4	18	19	27	1-16	3
4	18	19	28	1-16	3
4	18	19	29	1-16	3
4	18	19	30	1-16	3
4	18	19	31	--	5
4	18	19	34	--	5
4	18	19	35	--	4
4	18	19	36	--	4
4	19	19	13	--	4
4	21	19	14	1, 2, 7, 8	2
4	22	19	5	--	4
4	23	19	1	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	23	19	8	--	4
4	28	19	6	5, 8	2
4	29	19	1	8	1
4	29	19	1	--	4
4	29	19	3	--	4
4	29	19	12	--	4
4	29	19	17	--	4
4	1	20	6	--	4
4	1	20	7	--	4
4	1	20	13	--	5
4	1	20	17	--	4
4	1	20	18	--	4
4	1	20	19	--	4
4	1	20	20	--	4
4	1	20	26	--	4
4	1	20	27	--	4
4	1	20	28	--	4
4	1	20	29	--	4
4	1	20	30	--	4
4	1	20	31	--	4
4	1	20	32	--	4
4	1	20	33	--	4
4	1	20	34	--	4
4	1	20	35	--	4
4	2	20	1	--	4
4	2	20	2	--	4
4	2	20	12	--	4
4	2	20	13	--	4
4	2	20	14	--	4
4	2	20	24	--	4
4	2	20	25	--	4
4	2	20	35	--	4
4	4	20	4	--	5
4	4	20	5	--	5
4	4	20	9	--	5
4	4	20	10	--	5
4	4	20	15	--	5
4	4	20	19	--	4
4	4	20	20	--	4
4	4	20	21	--	4
4	4	20	22	--	4
4	4	20	23	--	4
4	4	20	24	--	4
4	5	20	19	--	4
4	5	20	23	--	4
4	5	20	24	--	4
4	6	20	22	--	4
4	6	20	24	--	4
4	7	20	19	--	4
4	7	20	20	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	7	20	22	--	4
4	7	20	23	--	4
4	7	20	25	1-16	3
4	7	20	27	--	4
4	7	20	36	1-16	3
4	8	20	2	--	4
4	8	20	21	--	4
4	8	20	22	--	4
4	8	20	23	--	4
4	8	20	25	--	5
4	8	20	26	--	4
4	8	20	36	--	5
4	9	20	4	--	4
4	9	20	7	--	4
4	9	20	9	--	4
4	9	20	13	--	4
4	9	20	14	--	4
4	9	20	17	--	4
4	9	20	20	--	4
4	9	20	21	--	4
4	10	20	5	--	4
4	10	20	10	--	4
4	10	20	11	--	4
4	10	20	12	--	4
4	10	20	19	--	5
4	10	20	30	--	5
4	10	20	31	--	4
4	11	20	3	--	4
4	11	20	4	--	5
4	11	20	5	--	5
4	11	20	6	--	5
4	11	20	7	1-16	3
4	11	20	8	1-16	3
4	11	20	9	--	5
4	11	20	10	--	5
4	11	20	11	1, 2, 7-10, 15, 16	3
4	11	20	11	--	5
4	11	20	12	1-16	3
4	11	20	13	3-6, 12, 13	3
4	11	20	14	1, 2, 7-10, 15, 16	3
4	11	20	15	--	5
4	11	20	16	--	5
4	11	20	17	3-6, 10-15	3
4	11	20	17	--	4
4	11	20	18	1-16	3
4	11	20	19	1-9, 11-14	3
4	11	20	19	--	5
4	11	20	20	1-6, 11, 12, 15,	3
4	11	20	20	--	5
4	11	20	21	1-16	3
4	11	20	22	1-3, 5, 7-14	3
4	11	20	22	--	5
4	11	20	23	1-16	3
4	11	20	24	1-16	3
4	11	20	25	1-3, 6-11, 14-16	1
4	11	20	25	--	4
4	11	20	26	1-16	1
4	11	20	27	3-6, 11-14	3
4	11	20	27	--	5
4	11	20	28	1-16	3
4	11	20	29	1, 2, 5-16	3
4	11	20	29	--	5
4	11	20	30	1-16	3
4	11	20	31	1-16	1
4	11	20	32	1-16	1
4	11	20	33	1-16	1
4	11	20	34	1-6, 8, 9, 11-16	1
4	11	20	34	--	5
4	11	20	35	2-6, 11-16	1
4	11	20	35	--	4
4	11	20	36	1-3, 6-11, 13-16	1
4	11	20	36	--	5
4	12	20	1	1, 2, 7-16	3
4	12	20	1	--	5
4	12	20	12	1, 2, 7, 8	3
4	12	20	12	--	5
4	12	20	13	1-16	3
4	12	20	14	--	5
4	12	20	19	--	4
4	12	20	20	--	5
4	12	20	23	1, 2, 7-10, 15, 16	3
4	12	20	23	--	5
4	12	20	24	1-16	3
4	12	20	25	1-16	3
4	12	20	26	9-16	1
4	12	20	26	--	5
4	12	20	27	--	5
4	12	20	29	3-6, 9-16	3
4	12	20	29	--	4
4	12	20	31	9-16	3
4	12	20	32	1-10, 15, 16	3
4	12	20	32	--	5
4	12	20	33	--	5
4	12	20	34	--	5
4	12	20	35	1-16	1
4	12	20	36	1-16	1
4	13	20	28	--	4
4	13	20	36	--	5
4	14	20	23	2, 8, 9	3
4	15	20	2	--	4

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	16	20	15	--	5
4	16	20	16	--	5
4	16	20	21	--	5
4	16	20	22	--	5
4	17	20	2	--	4
4	18	20	6	--	4
4	18	20	7	--	5
4	19	20	1	--	5
4	19	20	26	--	5
4	19	20	28	--	5
4	19	20	29	--	5
4	19	20	32	--	5
4	20	20	34	--	5
4	25	20	1	6	2
4	25	20	10	--	5
4	28	20	7	--	4
4	28	20	18	--	4
4	28	20	32	--	4
4	29	20	28	12	2
4	29	20	29	9	2
4	29	20	29	--	4
4	29	20	30	--	4
4	29	20	32	--	4
4	1	21	2	--	4
4	1	21	3	--	4
4	1	21	4	--	4
4	1	21	5	--	4
4	1	21	6	--	4
4	1	21	9	--	4
4	1	21	10	--	4
4	1	21	11	--	4
4	1	21	15	--	4
4	1	21	16	--	4
4	1	21	21	--	4
4	1	21	22	--	4
4	1	21	25	--	4
4	1	21	26	--	4
4	1	21	27	--	4
4	1	21	28	--	4
4	1	21	29	--	4
4	1	21	30	--	4
4	1	21	35	--	4
4	1	21	36	--	4
4	4	21	17	--	4
4	4	21	20	--	4
4	4	21	28	--	5
4	4	21	29	--	5
4	4	21	31	--	4
4	4	21	32	--	4
4	4	21	33	--	5
4	5	21	31	--	5
4	5	21	32	--	5
4	5	21	33	--	5
4	5	21	35	--	5
4	5	21	36	--	5
4	6	21	21	--	4
4	6	21	23	--	4
4	6	21	24	--	4
4	6	21	26	--	4
4	6	21	27	--	4
4	6	21	33	--	5
4	6	21	34	--	5
4	6	21	35	--	4
4	6	21	36	--	5
4	7	21	15	--	4
4	7	21	17	--	4
4	7	21	28	--	4
4	9	21	13	--	4
4	9	21	18	--	4
4	9	21	26	--	5
4	9	21	27	--	5
4	9	21	28	1, 2, 7-16	3
4	9	21	28	--	5
4	9	21	29	--	4
4	9	21	30	--	4
4	9	21	31	--	4
4	9	21	32	--	5
4	9	21	33	1-16	3
4	9	21	34	1-16	3
4	9	21	35	3-6, 9-16	3
4	9	21	35	--	5
4	9	21	36	--	5
4	10	21	5	13	1
4	10	21	5	--	5
4	10	21	6	2-16	1
4	10	21	6	--	5
4	10	21	7	1-16	1
4	10	21	8	3-7, 9-16	1
4	10	21	8	--	4
4	10	21	9	11-14	3
4	10	21	9	--	5
4	10	21	15	--	4
4	10	21	16	3-6, 9-16	3
4	10	21	16	--	5
4	10	21	17	1-16	1
4	10	21	18	1-11, 15, 16	1
4	10	21	18	--	4
4	10	21	19	1	1
4	10	21	19	--	5
4	10	21	20	1-11	1

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	10	21	20	--	4
4	10	21	21	1-16	3
4	10	21	22	1-16	3
4	10	21	25	--	4
4	10	21	26	--	5
4	10	21	27	1-16	3
4	10	21	28	1-16	3
4	10	21	29	--	5
4	10	21	32	--	5
4	10	21	33	1, 2, 7, 8-16	3
4	10	21	33	--	5
4	10	21	34	1-16	3
4	10	21	35	11-14	3
4	10	21	35	--	5
4	10	21	36	--	4
4	11	21	1	1-16	1
4	11	21	2	1-16	1
4	11	21	3	1-16	1
4	11	21	4	1-16	1
4	11	21	5	1-16	1
4	11	21	6	1-16	1
4	11	21	7	1-16	1
4	11	21	8	1-16	1
4	11	21	9	1-16	1
4	11	21	10	1-16	1
4	11	21	11	1-8, 12, 13	1
4	11	21	11	--	5
4	11	21	12	1-16	1
4	11	21	13	1-4	1
4	11	21	13	--	4
4	11	21	14	--	5
4	11	21	15	4, 5, 12, 13	1
4	11	21	15	--	4
4	11	21	16	1-16	1
4	11	21	17	1-16	1
4	11	21	18	1-4, 6-8	1
4	11	21	18	--	5
4	11	21	19	--	5
4	11	21	20	1, 2, 7-10, 14-16	1
4	11	21	20	--	4
4	11	21	21	1-7, 10-15	1
4	11	21	21	--	5
4	11	21	22	--	5
4	11	21	28	2, 4-6, 10-15	1
4	11	21	29	1-3, 7-10, 15, 16	1
4	11	21	32	1, 2, 7	1
4	11	21	33	--	5
4	12	21	1	8-10, 14-16	1
4	12	21	1	1-4, 7, 11, 13	3
4	12	21	2	1-8, 15, 16	3
4	12	21	2	--	4
4	12	21	3	1, 2, 5-13	3
4	12	21	3	--	5
4	12	21	4	3-11, 15	3
4	12	21	4	--	4
4	12	21	6	3-6, 11-14	3
4	12	21	6	--	4
4	12	21	7	1-16	3
4	12	21	9	9-11, 13-16	3
4	12	21	9	--	5
4	12	21	10	1, 5-16	3
4	12	21	10	--	4
4	12	21	11	9-16	1
4	12	21	11	1-8	3
4	12	21	12	1-16	1
4	12	21	13	1-6, 11-13	1
4	12	21	13	--	4
4	12	21	14	1, 2, 7-16	1
4	12	21	14	--	5
4	12	21	15	9, 16	1
4	12	21	15	1-15	3
4	12	21	16	1-16	3
4	12	21	17	1-10, 14-16	3
4	12	21	17	--	5
4	12	21	18	1, 2, 7-10, 15, 16	3
4	12	21	19	--	5
4	12	21	20	1-16	3
4	12	21	21	16	1
4	12	21	21	1-15	3
4	12	21	22	1, 2, 5-16	1
4	12	21	22	--	4
4	12	21	23	1-7, 10, 11, 14,	1
4	12	21	23	--	5
4	12	21	24	--	5
4	12	21	25	--	5
4	12	21	26	5, 10-14	1
4	12	21	26	--	5
4	12	21	27	1-16	1
4	12	21	28	1-3, 6-11, 14-16	1
4	12	21	28	--	5
4	12	21	29	1-16	3
4	12	21	30	--	5
4	12	21	31	--	5
4	12	21	32	1-10, 15, 16	3
4	12	21	32	--	5
4	12	21	33	1-3, 6-11, 15, 16	1
4	12	21	33	--	5
4	12	21	34	1-8, 10-15	1
4	12	21	34	--	5
4	12	21	35	3-5	1

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	12	21	35	--	5
4	12	21	36	--	5
4	13	21	1	9, 10, 15, 16	3
4	13	21	12	--	5
4	13	21	22	--	4
4	13	21	31	9-16	3
4	13	21	31	--	5
4	13	21	32	--	5
4	14	21	20	--	5
4	14	21	21	--	5
4	14	21	22	--	5
4	14	21	23	--	5
4	14	21	24	--	5
4	14	21	25	1-8, 11-14	3
4	14	21	26	1, 2, 7-16	3
4	14	21	26	--	4
4	14	21	27	--	5
4	14	21	32	1, 2, 7-10, 15, 16	3
4	14	21	33	1-16	2
4	14	21	34	1-16	3
4	14	21	35	1-8	3
4	14	21	36	3-6, 9-16	3
4	14	21	36	--	4
4	18	21	25	--	4
4	19	21	19	--	4
4	20	21	3	--	5
4	20	21	7	--	5
4	21	21	10	--	5
4	21	21	16	6	3
4	21	21	17	--	4
4	21	21	21	--	5
4	23	21	11	--	4
4	23	21	13	--	5
4	25	21	32	--	4
4	25	21	33	--	4
4	26	21	23	15, 16	3
4	26	21	23	--	4
4	26	21	24	13	3
4	26	21	24	--	5
4	26	21	25	3, 4	3
4	26	21	25	--	5
4	27	21	24	--	4
4	27	21	28	--	4
4	27	21	29	--	4
4	28	21	20	4, 5	2
4	28	21	21	--	5
4	28	21	26	--	4
4	28	21	27	1	1
4	28	21	27	--	4
4	28	21	35	--	4
4	1	22	13	--	5
4	1	22	14	--	5
4	1	22	23	--	5
4	1	22	24	--	5
4	1	22	25	--	5
4	1	22	26	--	5
4	1	22	30	--	5
4	1	22	31	--	5
4	1	22	32	--	5
4	1	22	33	--	5
4	1	22	34	--	5
4	1	22	36	--	5
4	2	22	19	--	5
4	2	22	20	--	5
4	2	22	21	--	5
4	2	22	25	--	5
4	2	22	26	--	5
4	2	22	27	--	5
4	2	22	28	--	5
4	2	22	29	--	5
4	2	22	30	--	5
4	2	22	33	--	5
4	2	22	34	--	5
4	2	22	35	--	5
4	2	22	36	--	5
4	3	22	8	--	5
4	3	22	9	--	5
4	3	22	13	--	5
4	3	22	14	--	5
4	3	22	15	--	5
4	3	22	16	--	4
4	3	22	17	--	5
4	3	22	18	--	5
4	3	22	19	--	5
4	3	22	20	--	5
4	3	22	22	--	5
4	3	22	23	--	5
4	3	22	24	--	5
4	3	22	25	--	5
4	3	22	26	--	5
4	3	22	27	--	5
4	3	22	28	--	5
4	3	22	29	--	5
4	3	22	30	--	5
4	3	22	31	--	5
4	3	22	32	--	5
4	3	22	33	--	5
4	3	22	34	--	5
4	3	22	35	--	5
4	4	22	3	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	4	22	4	--	4
4	4	22	5	--	5
4	4	22	6	--	5
4	4	22	7	--	5
4	4	22	8	--	5
4	4	22	9	--	4
4	4	22	10	--	5
4	4	22	11	--	4
4	4	22	13	--	5
4	4	22	14	--	4
4	4	22	15	--	5
4	4	22	16	--	5
4	4	22	17	3	3
4	4	22	17	--	5
4	4	22	18	--	5
4	4	22	20	--	5
4	4	22	21	--	5
4	4	22	22	--	5
4	4	22	23	--	5
4	4	22	24	--	5
4	4	22	25	--	4
4	4	22	26	--	4
4	4	22	27	--	5
4	4	22	28	--	5
4	4	22	30	--	4
4	4	22	31	--	4
4	4	22	32	--	4
4	4	22	34	--	5
4	4	22	35	--	4
4	4	22	36	--	5
4	5	22	1	--	5
4	5	22	2	--	5
4	5	22	3	--	5
4	5	22	4	4	3
4	5	22	4	--	5
4	5	22	5	1	3
4	5	22	5	--	5
4	5	22	6	--	5
4	5	22	7	--	5
4	5	22	8	--	5
4	5	22	9	--	5
4	5	22	10	--	5
4	5	22	11	--	5
4	5	22	12	--	5
4	5	22	13	--	4
4	5	22	14	--	5
4	5	22	15	--	5
4	5	22	16	--	5
4	5	22	17	--	5
4	5	22	18	--	5
4	5	22	19	16	3
4	5	22	19	--	5
4	5	22	20	--	5
4	5	22	21	--	5
4	5	22	22	--	5
4	5	22	23	--	4
4	5	22	24	--	5
4	5	22	28	--	5
4	5	22	29	5	3
4	5	22	29	--	5
4	5	22	30	1, 2	3
4	5	22	30	--	5
4	5	22	36	--	4
4	6	22	1	--	5
4	6	22	2	--	5
4	6	22	3	--	5
4	6	22	4	--	5
4	6	22	5	--	5
4	6	22	7	--	5
4	6	22	8	--	5
4	6	22	9	--	5
4	6	22	10	--	5
4	6	22	11	--	5
4	6	22	12	--	5
4	6	22	13	--	5
4	6	22	14	--	5
4	6	22	15	--	5
4	6	22	16	--	5
4	6	22	17	--	5
4	6	22	18	--	5
4	6	22	19	--	5
4	6	22	20	--	4
4	6	22	21	--	5
4	6	22	23	--	5
4	6	22	24	--	5
4	6	22	28	--	5
4	6	22	29	--	5
4	6	22	30	--	5
4	6	22	31	--	5
4	6	22	32	--	5
4	7	22	12	--	5
4	7	22	13	--	5
4	7	22	23	--	5
4	7	22	24	--	5
4	7	22	25	--	5
4	7	22	26	--	5
4	7	22	27	--	5
4	7	22	30	--	5
4	7	22	31	--	5
4	7	22	32	--	5

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	7	22	33	--	5
4	7	22	34	--	4
4	7	22	35	--	5
4	7	22	36	--	5
4	8	22	3	--	5
4	8	22	6	--	5
4	8	22	7	--	5
4	8	22	10	--	5
4	8	22	15	--	5
4	8	22	16	--	5
4	8	22	17	--	5
4	8	22	18	--	5
4	8	22	19	--	5
4	8	22	20	--	5
4	8	22	21	--	5
4	8	22	22	--	5
4	8	22	25	--	5
4	8	22	26	--	5
4	8	22	27	--	5
4	8	22	28	--	5
4	8	22	29	--	5
4	8	22	30	--	5
4	8	22	31	--	5
4	8	22	32	--	5
4	8	22	33	--	5
4	8	22	34	--	5
4	8	22	35	--	5
4	8	22	36	--	5
4	9	22	1	--	5
4	9	22	2	1-16	3
4	9	22	3	1, 2, 7-16	3
4	9	22	3	--	5
4	9	22	4	1, 2, 7, 8	3
4	9	22	4	--	5
4	9	22	5	1-16	3
4	9	22	6	9, 10, 15, 16	3
4	9	22	6	--	4
4	9	22	7	1-16	3
4	9	22	8	1-16	3
4	9	22	9	1-16	3
4	9	22	10	1-16	3
4	9	22	11	1-16	3
4	9	22	12	1-16	3
4	9	22	13	1-16	3
4	9	22	14	1-16	3
4	9	22	15	1, 2, 7-10, 15, 16	3
4	9	22	15	--	4
4	9	22	16	3-6, 11-14	3
4	9	22	16	--	4
4	9	22	17	1, 2, 7-10, 15, 16	3
4	9	22	17	--	5
4	9	22	18	1-8, 11-14	3
4	9	22	18	--	5
4	9	22	19	11-14	3
4	9	22	19	--	5
4	9	22	20	1, 2, 7-16	3
4	9	22	20	--	5
4	9	22	21	3-6, 11-14	3
4	9	22	21	--	4
4	9	22	22	--	4
4	9	22	23	--	4
4	9	22	24	--	5
4	9	22	25	--	5
4	9	22	26	--	5
4	9	22	27	--	4
4	9	22	28	--	4
4	9	22	29	1-8, 11-14	3
4	9	22	29	--	4
4	9	22	30	1-16	3
4	9	22	31	--	4
4	9	22	32	--	4
4	9	22	36	--	5
4	10	22	1	--	4
4	10	22	2	1-16	3
4	10	22	3	1-16	3
4	10	22	4	E½, SW	3
4	10	22	4	--	5
4	10	22	5	--	5
4	10	22	8	--	5
4	10	22	9	--	5
4	10	22	10	1, 2, 7-16	3
4	10	22	10	--	5
4	10	22	11	1-16	3
4	10	22	12	1-16	3
4	10	22	13	1-10, 15, 16	3
4	10	22	13	--	5
4	10	22	14	1-16	3
4	10	22	15	1-8	3
4	10	22	15	--	4
4	10	22	22	--	5
4	10	22	23	1-10, 15, 16	3
4	10	22	23	--	5
4	10	22	24	1-16	3
4	10	22	25	1-8	3
4	10	22	25	--	5
4	10	22	26	1, 2, 7, 8	3
4	10	22	26	--	5
4	10	22	31	--	4
4	11	22	12	--	4
4	11	22	20	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	12	22	2	--	5
4	12	22	3	4-6, 11-16	3
4	12	22	3	--	4
4	12	22	4	1-16	3
4	12	22	5	1-16	3
4	12	22	6	--	5
4	12	22	7	1-16	3
4	12	22	8	1-16	3
4	12	22	9	1, 2, 7, 8	3
4	12	22	9	--	5
4	12	22	10	1-16	3
4	12	22	11	--	5
4	12	22	15	--	5
4	12	22	16	--	5
4	12	22	17	--	5
4	12	22	18	--	5
4	12	22	24	--	4
4	12	22	36	--	4
4	13	22	3	1-16	3
4	13	22	4	1-16	3
4	13	22	5	1-16	3
4	13	22	6	1-16	3
4	13	22	7	1-8, 11-14	3
4	13	22	7	--	5
4	13	22	8	1-8	3
4	13	22	8	--	5
4	13	22	9	1-16	3
4	13	22	10	1-16	3
4	13	22	11	9-16	3
4	13	22	11	--	4
4	13	22	12	9-16	3
4	13	22	12	--	5
4	13	22	13	--	5
4	13	22	14	--	4
4	13	22	16	--	5
4	13	22	18	3-6	3
4	13	22	18	--	4
4	14	22	1	1-16	3
4	14	22	2	9, 10, 15, 16	3
4	14	22	5	1-16	3
4	14	22	11	1, 2, 7-10, 15, 16	3
4	14	22	12	1-16	3
4	14	22	13	1-16	3
4	14	22	14	1, 2, 7-10, 15, 16	3
4	14	22	14	--	5
4	14	22	23	1-16	3
4	14	22	24	1-8	3
4	14	22	24	--	5
4	14	22	25	--	5
4	14	22	26	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	14	22	27	--	5
4	14	22	31	--	4
4	14	22	32	--	4
4	14	22	33	--	4
4	14	22	34	--	4
4	14	22	35	--	5
4	15	22	1	--	4
4	15	22	36	--	5
4	18	22	3	--	4
4	18	22	4	--	4
4	21	22	9	7, 8	1
4	21	22	9	--	5
4	21	22	10	--	4
4	22	22	18	4	2
4	23	22	13	1	2
4	23	22	25	--	4
4	25	22	5	--	4
4	28	22	3	4, 5	1
4	28	22	3	--	5
4	28	22	4	1, 8, 9	3
4	28	22	4	--	4
4	28	22	5	--	4
4	28	22	6	--	5
4	28	22	7	--	4
4	28	22	8	--	4
4	28	22	9	--	4
4	28	22	10	--	5
4	28	22	13	--	5
4	28	22	16	--	5
4	28	22	17	--	5
4	28	22	18	--	5
4	28	22	24	--	5
4	28	22	25	--	5
4	29	22	1	--	5
4	29	22	2	--	5
4	29	22	3	--	5
4	29	22	4	--	4
4	29	22	5	--	4
4	29	22	6	--	4
4	29	22	8	--	5
4	29	22	9	--	5
4	29	22	10	--	5
4	29	22	11	--	5
4	29	22	12	--	4
4	29	22	16	--	5
4	29	22	17	--	4
4	29	22	20	--	4
4	29	22	29	--	4
4	29	22	32	--	4
4	1	23	2	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	1	23	3	--	5
4	1	23	4	--	5
4	1	23	5	--	5
4	1	23	6	--	5
4	1	23	7	--	5
4	1	23	8	--	5
4	1	23	9	--	5
4	1	23	10	--	5
4	1	23	11	--	5
4	1	23	12	--	5
4	1	23	13	9	1
4	1	23	13	--	5
4	1	23	14	--	5
4	1	23	15	--	5
4	1	23	22	--	5
4	1	23	23	--	5
4	1	23	28	--	5
4	1	23	29	--	5
4	2	23	1	--	5
4	2	23	2	--	5
4	2	23	3	--	5
4	2	23	4	--	5
4	2	23	7	--	4
4	2	23	10	--	4
4	2	23	11	--	5
4	2	23	12	--	4
4	2	23	13	--	4
4	2	23	14	--	4
4	2	23	15	--	5
4	2	23	16	--	5
4	2	23	17	--	5
4	2	23	18	--	5
4	2	23	20	--	5
4	2	23	21	--	5
4	2	23	29	--	5
4	2	23	30	--	5
4	3	23	3	--	5
4	3	23	4	--	5
4	3	23	5	--	5
4	3	23	6	--	5
4	3	23	7	--	5
4	3	23	8	--	5
4	3	23	9	--	5
4	3	23	10	--	5
4	3	23	11	--	5
4	3	23	13	--	5
4	3	23	14	--	5
4	3	23	15	--	5
4	3	23	17	--	5
4	3	23	18	10	3

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	3	23	18	--	5
4	3	23	19	--	5
4	3	23	24	--	5
4	3	23	25	--	5
4	4	23	1	--	5
4	4	23	2	--	5
4	4	23	6	--	4
4	4	23	10	--	4
4	4	23	11	--	5
4	4	23	12	--	5
4	4	23	13	--	5
4	4	23	14	11	3
4	4	23	14	--	4
4	4	23	15	--	4
4	4	23	16	--	4
4	4	23	21	--	4
4	4	23	23	--	5
4	4	23	24	--	5
4	4	23	28	--	4
4	5	23	12	--	4
4	5	23	22	--	4
4	5	23	28	--	4
4	6	23	1	7	3
4	6	23	1	--	5
4	6	23	5	--	5
4	6	23	6	--	5
4	6	23	7	--	5
4	6	23	8	--	5
4	7	23	1	--	5
4	7	23	2	--	5
4	7	23	3	--	5
4	7	23	4	--	5
4	7	23	5	--	5
4	7	23	6	--	5
4	7	23	7	--	5
4	7	23	8	--	5
4	7	23	9	--	5
4	7	23	10	--	5
4	7	23	11	--	5
4	7	23	12	--	5
4	7	23	14	--	5
4	7	23	15	--	5
4	7	23	16	--	5
4	7	23	17	--	5
4	7	23	18	--	5
4	7	23	19	--	5
4	7	23	20	--	5
4	7	23	21	--	5
4	7	23	22	--	5
4	7	23	30	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	8	23	1	--	5
4	8	23	2	--	5
4	8	23	3	--	5
4	8	23	4	--	5
4	8	23	5	--	5
4	8	23	8	--	5
4	8	23	9	12	3
4	8	23	9	--	4
4	8	23	10	--	5
4	8	23	11	--	5
4	8	23	12	--	5
4	8	23	13	--	5
4	8	23	14	--	5
4	8	23	15	--	5
4	8	23	16	--	4
4	8	23	20	--	5
4	8	23	21	--	5
4	8	23	22	--	5
4	8	23	23	--	5
4	8	23	24	--	5
4	8	23	25	--	4
4	8	23	26	--	5
4	8	23	35	--	4
4	10	23	16	--	4
4	10	23	17	--	4
4	10	23	26	--	4
4	11	23	36	--	4
4	12	23	13	--	4
4	12	23	21	--	4
4	13	23	28	--	4
4	14	23	2	--	5
4	14	23	3	--	5
4	14	23	4	--	5
4	14	23	5	--	5
4	14	23	6	--	5
4	14	23	7	--	5
4	14	23	8	--	5
4	14	23	9	--	5
4	14	23	16	--	5
4	14	23	17	--	5
4	14	23	18	--	4
4	14	23	20	--	5
4	14	23	21	--	5
4	14	23	28	--	5
4	14	23	29	--	5
4	14	23	31	--	4
4	14	23	32	--	4
4	14	23	33	--	5
4	15	23	1	--	5
4	15	23	12	--	5
4	17	23	28	--	4
4	17	23	32	--	4
4	20	23	2	--	4
4	20	23	7	--	4
4	20	23	9	--	4
4	20	23	10	--	4
4	20	23	11	--	4
4	22	23	5	--	5
4	22	23	8	--	5
4	22	23	31	--	4
4	23	23	17	--	4
4	23	23	26	--	4
4	29	23	9	--	4
4	2	24	17	--	4
4	6	24	12	--	4
4	7	24	5	--	4
4	7	24	6	--	4
4	7	24	19	--	4
4	7	24	20	--	4
4	8	24	14	--	4
4	8	24	24	--	4
4	9	24	4	--	4
4	9	24	8	--	4
4	9	24	13	--	4
4	9	24	18	--	4
4	9	24	20	--	4
4	9	24	21	--	4
4	11	24	4	--	4
4	12	24	9	--	4
4	12	24	14	--	4
4	12	24	15	--	4
4	12	24	26	--	4
4	12	24	36	--	4
4	13	24	2	--	4
4	13	24	20	--	4
4	13	24	32	--	4
4	13	24	33	--	4
4	14	24	5	13	3
4	14	24	5	--	4
4	14	24	6	--	4
4	14	24	7	--	5
4	14	24	8	4	3
4	14	24	8	--	5
4	14	24	18	1, 8	3
4	14	24	18	--	4
4	14	24	19	--	4
4	14	24	30	--	4
4	14	24	31	--	5
4	14	24	32	--	4
4	15	24	1	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	15	24	12	--	4
4	15	24	13	--	4
4	15	24	14	--	4
4	15	24	23	9	3
4	15	24	23	--	4
4	15	24	24	--	4
4	15	24	25	--	4
4	15	24	26	--	4
4	15	24	33	--	5
4	15	24	34	--	4
4	15	24	35	--	4
4	15	24	36	--	4
4	16	24	7	--	4
4	17	24	33	--	4
4	18	24	17	--	4
4	18	24	18	--	4
4	18	24	19	--	4
4	19	24	4	--	4
4	19	24	15	--	4
4	19	24	22	--	4
4	19	24	33	--	4
4	23	24	18	8	2
4	26	24	13	--	4
4	27	24	26	--	4
4	28	24	10	--	4
4	1	25	30	--	4
4	7	25	19	--	4
4	8	25	23	--	4
4	9	25	12	--	4
4	12	25	6	--	4
4	12	25	7	--	4
4	13	25	2	--	4
4	13	25	4	--	4
4	13	25	5	--	4
4	13	25	9	--	4
4	13	25	17	--	4
4	14	25	1	--	4
4	14	25	4	--	4
4	14	25	6	--	4
4	14	25	34	--	4
4	15	25	1	--	5
4	15	25	2	--	5
4	15	25	3	--	5
4	15	25	4	--	5
4	15	25	5	--	5
4	15	25	7	--	5
4	15	25	8	--	5
4	15	25	9	--	5
4	15	25	10	--	5
4	15	25	11	--	5
4	15	25	15	--	5
4	15	25	16	--	5
4	15	25	17	--	5
4	15	25	18	--	5
4	15	25	19	--	5
4	15	25	20	--	5
4	15	25	21	--	5
4	15	25	29	--	5
4	15	25	30	--	5
4	16	25	7	--	5
4	16	25	12	--	5
4	16	25	13	--	5
4	16	25	23	--	5
4	16	25	24	--	5
4	16	25	25	--	5
4	16	25	26	--	5
4	16	25	27	--	5
4	16	25	32	--	5
4	16	25	33	--	5
4	16	25	34	--	5
4	16	25	35	--	5
4	16	25	36	--	5
4	17	25	14	--	4
4	19	25	16	--	5
4	19	25	21	--	5
4	19	25	26	--	5
4	19	25	27	--	5
4	19	25	34	--	5
4	19	25	35	--	5
4	20	25	26	--	5
4	20	25	31	--	5
4	20	25	32	--	5
4	20	25	34	--	5
4	20	25	35	--	5
4	21	25	11	--	5
4	21	25	14	--	5
4	21	25	15	--	5
4	21	25	16	--	5
4	21	25	18	--	5
4	21	25	19	--	5
4	21	25	20	--	5
4	21	25	21	--	5
4	21	25	22	--	5
4	21	25	23	--	5
4	21	25	27	--	5
4	21	25	28	--	5
4	21	25	29	--	5
4	21	25	30	--	5
4	21	25	31	--	5
4	21	25	35	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	22	25	3	9, 10, 15, 16	2
4	22	25	5	--	5
4	22	25	6	--	5
4	22	25	7	--	5
4	22	25	8	--	5
4	22	25	9	--	5
4	22	25	13	--	5
4	22	25	14	--	5
4	22	25	15	--	5
4	22	25	16	--	5
4	22	25	17	--	5
4	22	25	18	--	5
4	22	25	19	--	5
4	22	25	20	--	5
4	22	25	21	--	5
4	22	25	22	--	5
4	22	25	23	--	5
4	22	25	24	--	5
4	22	25	25	--	5
4	22	25	26	--	5
4	22	25	27	--	5
4	22	25	28	--	5
4	22	25	29	--	5
4	22	25	32	--	5
4	22	25	33	--	5
4	22	25	35	--	5
4	22	25	36	--	5
4	23	25	1	--	5
4	23	25	2	--	5
4	23	25	11	--	5
4	23	25	12	--	5
4	23	25	13	--	5
4	23	25	24	--	5
4	23	25	36	--	5
4	25	25	20	--	5
4	29	25	35	--	4
4	5	26	10	--	5
4	5	26	11	--	5
4	5	26	14	4	3
4	5	26	14	--	5
4	5	26	15	--	5
4	11	26	17	--	4
4	12	26	5	--	4
4	12	26	8	--	4
4	12	26	18	--	4
4	14	26	2	--	4
4	14	26	3	--	4
4	14	26	26	--	4
4	15	26	18	--	4
4	16	26	2	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	16	26	3	--	5
4	16	26	4	--	5
4	16	26	5	--	5
4	16	26	6	--	5
4	16	26	7	--	5
4	16	26	8	--	5
4	16	26	9	--	5
4	16	26	10	--	5
4	16	26	11	--	5
4	16	26	16	--	5
4	16	26	17	--	5
4	16	26	18	--	4
4	16	26	19	--	5
4	16	26	20	--	5
4	16	26	21	--	5
4	16	26	29	--	5
4	16	26	30	--	5
4	17	26	10	--	5
4	17	26	11	3-6	3
4	17	26	11	--	5
4	17	26	12	--	5
4	17	26	13	--	5
4	17	26	14	--	4
4	17	26	15	--	4
4	17	26	22	--	4
4	17	26	23	--	5
4	17	26	24	--	5
4	17	26	25	--	5
4	17	26	26	--	5
4	17	26	27	--	5
4	17	26	33	--	4
4	17	26	34	--	5
4	17	26	35	--	5
4	17	26	36	--	5
4	18	26	20	--	4
4	18	26	21	--	5
4	18	26	25	--	4
4	18	26	26	--	4
4	18	26	27	--	4
4	18	26	28	1, 2, 7-10, 15, 16	3
4	18	26	28	--	4
4	18	26	29	--	5
4	18	26	30	--	5
4	18	26	31	--	4
4	18	26	32	--	5
4	18	26	33	--	4
4	18	26	34	--	5
4	18	26	36	--	4
4	19	26	2	--	5
4	19	26	3	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	19	26	4	--	5
4	19	26	9	--	5
4	19	26	10	--	5
4	19	26	11	--	5
4	19	26	16	--	5
4	19	26	21	--	5
4	19	26	25	--	5
4	19	26	26	--	4
4	19	26	27	--	5
4	19	26	31	--	5
4	19	26	32	--	5
4	19	26	33	--	5
4	19	26	34	--	5
4	19	26	35	--	5
4	19	26	36	--	5
4	20	26	4	--	5
4	20	26	5	--	5
4	20	26	8	--	5
4	20	26	9	--	5
4	20	26	15	--	5
4	20	26	16	--	5
4	20	26	17	--	5
4	20	26	18	--	5
4	20	26	19	--	5
4	20	26	21	--	5
4	20	26	22	--	5
4	20	26	23	--	5
4	20	26	24	--	5
4	20	26	27	--	5
4	20	26	34	--	5
4	20	26	35	--	5
4	21	26	16	--	5
4	21	26	20	--	5
4	21	26	21	--	5
4	21	26	22	--	5
4	21	26	23	--	4
4	21	26	24	--	5
4	21	26	25	--	5
4	21	26	26	--	4
4	21	26	27	--	5
4	21	26	28	--	5
4	21	26	29	--	5
4	22	26	4	--	5
4	22	26	10	--	5
4	22	26	15	--	5
4	22	26	24	--	5
4	22	26	25	--	5
4	22	26	36	--	5
4	28	26	10	--	4
4	29	26	22	--	4
4	29	26	28	--	4
4	3	27	2	--	4
4	6	27	11	--	5
4	6	27	12	12	3
4	6	27	12	--	5
4	12	27	22	--	4
4	15	27	12	--	4
4	15	27	21	--	4
4	17	27	1	--	4
4	17	27	2	--	4
4	17	27	3	--	4
4	17	27	4	--	4
4	17	27	5	--	4
4	17	27	6	--	4
4	17	27	7	--	4
4	17	27	8	--	4
4	17	27	9	--	4
4	17	27	10	--	4
4	17	27	11	--	4
4	17	27	12	--	4
4	17	27	13	--	4
4	17	27	14	--	4
4	17	27	15	--	4
4	17	27	16	--	4
4	17	27	17	--	4
4	17	27	18	--	4
4	17	27	19	--	4
4	17	27	20	--	4
4	17	27	21	--	4
4	17	27	22	--	4
4	17	27	23	--	4
4	17	27	24	--	4
4	17	27	25	--	4
4	17	27	26	--	4
4	17	27	27	--	4
4	17	27	28	--	4
4	17	27	29	--	4
4	17	27	30	--	4
4	17	27	31	--	4
4	17	27	32	--	4
4	17	27	33	--	4
4	17	27	34	--	4
4	17	27	35	--	4
4	17	27	36	--	4
4	18	27	1	--	4
4	18	27	2	--	4
4	18	27	3	--	4
4	18	27	4	--	4
4	18	27	5	--	4
4	18	27	6	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	18	27	7	--	4
4	18	27	8	--	4
4	18	27	9	--	4
4	18	27	10	--	4
4	18	27	11	--	4
4	18	27	12	--	4
4	18	27	13	--	4
4	18	27	14	1-16	3
4	18	27	15	--	4
4	18	27	16	--	4
4	18	27	17	--	4
4	18	27	18	--	4
4	18	27	19	--	4
4	18	27	20	--	4
4	18	27	21	--	4
4	18	27	22	--	4
4	18	27	23	--	4
4	18	27	24	--	4
4	18	27	25	--	4
4	18	27	26	--	4
4	18	27	27	--	4
4	18	27	28	3, 4	1
4	18	27	28	--	4
4	18	27	29	9, 10	2
4	18	27	29	--	4
4	18	27	30	--	4
4	18	27	31	--	4
4	18	27	32	--	4
4	18	27	33	--	4
4	18	27	34	--	4
4	18	27	35	--	4
4	18	27	36	--	4
4	19	27	1	--	4
4	19	27	2	--	4
4	19	27	3	--	4
4	19	27	4	--	4
4	19	27	5	--	4
4	19	27	6	--	4
4	19	27	7	--	4
4	19	27	8	--	4
4	19	27	9	--	4
4	19	27	10	--	4
4	19	27	11	--	4
4	19	27	12	--	4
4	19	27	13	--	4
4	19	27	14	--	4
4	19	27	15	--	4
4	19	27	16	--	4
4	19	27	17	--	4
4	19	27	18	--	4
4	19	27	19	--	4
4	19	27	20	--	4
4	19	27	21	--	4
4	19	27	22	--	4
4	19	27	23	--	4
4	19	27	24	--	4
4	19	27	25	--	4
4	19	27	26	--	4
4	19	27	27	--	4
4	19	27	28	--	4
4	19	27	29	--	4
4	19	27	30	--	4
4	19	27	31	--	4
4	19	27	32	--	4
4	19	27	33	--	4
4	19	27	34	--	4
4	19	27	35	--	4
4	19	27	36	--	4
4	20	27	1	--	5
4	20	27	28	--	5
4	20	27	29	--	5
4	20	27	30	--	5
4	20	27	33	--	5
4	20	27	34	--	5
4	21	27	6	--	5
4	21	27	7	--	5
4	21	27	16	--	5
4	21	27	17	--	5
4	21	27	18	6	2
4	21	27	18	--	4
4	21	27	20	--	5
4	21	27	21	--	5
4	21	27	22	--	4
4	21	27	23	--	5
4	21	27	25	--	5
4	21	27	26	--	5
4	21	27	33	--	5
4	21	27	34	--	5
4	22	27	11	--	5
4	22	27	12	--	5
4	24	27	9	--	5
4	26	27	21	11	2
4	27	27	2	--	5
4	27	27	3	--	5
4	27	27	8	16	2
4	27	27	9	--	5
4	27	27	10	--	5
4	27	27	16	--	5
4	27	27	20	--	5
4	27	27	21	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	27	27	30	--	5
4	27	27	31	--	5
4	29	27	14	7, 8	1
4	11	28	14	--	4
4	13	28	26	--	4
4	13	28	27	--	4
4	14	28	29	--	5
4	14	28	32	--	5
4	17	28	18	--	5
4	17	28	19	--	5
4	17	28	20	--	5
4	17	28	29	--	5
4	17	28	30	--	5
4	17	28	31	--	5
4	17	28	32	--	5
4	18	28	1	--	4
4	18	28	2	--	4
4	18	28	3	--	4
4	18	28	4	--	4
4	18	28	5	--	4
4	18	28	6	--	4
4	18	28	7	12	1
4	18	28	7	--	4
4	18	28	8	--	4
4	18	28	9	9, 10, 15, 16	3
4	18	28	9	--	4
4	18	28	10	--	4
4	18	28	11	--	4
4	18	28	12	--	4
4	18	28	13	--	4
4	18	28	14	--	4
4	18	28	15	--	4
4	18	28	16	--	4
4	18	28	17	--	4
4	18	28	18	--	4
4	18	28	19	--	4
4	18	28	20	--	4
4	18	28	21	--	4
4	18	28	22	--	4
4	18	28	23	--	4
4	18	28	24	--	4
4	18	28	25	--	4
4	18	28	26	--	4
4	18	28	27	--	4
4	18	28	28	--	4
4	18	28	29	--	4
4	18	28	30	--	4
4	18	28	31	--	4
4	18	28	32	--	4
4	18	28	33	--	4
4	18	28	34	--	4
4	18	28	35	--	4
4	18	28	36	--	4
4	19	28	1	--	4
4	19	28	2	--	4
4	19	28	3	--	4
4	19	28	4	--	4
4	19	28	5	--	4
4	19	28	6	--	4
4	19	28	7	--	4
4	19	28	8	--	4
4	19	28	9	--	4
4	19	28	10	--	4
4	19	28	11	--	4
4	19	28	12	--	4
4	19	28	13	--	4
4	19	28	14	--	4
4	19	28	15	--	4
4	19	28	16	--	4
4	19	28	17	--	4
4	19	28	18	--	4
4	19	28	19	--	4
4	19	28	20	--	4
4	19	28	21	--	4
4	19	28	22	--	4
4	19	28	23	--	4
4	19	28	24	--	4
4	19	28	25	--	4
4	19	28	26	--	4
4	19	28	27	--	4
4	19	28	28	--	4
4	19	28	29	--	4
4	19	28	30	--	4
4	19	28	31	--	4
4	19	28	32	--	4
4	19	28	33	--	4
4	19	28	34	--	4
4	19	28	35	--	4
4	19	28	36	--	4
4	20	28	1	--	4
4	20	28	2	--	4
4	20	28	3	--	4
4	20	28	4	--	4
4	20	28	5	--	4
4	20	28	6	--	4
4	20	28	7	--	4
4	20	28	8	--	4
4	20	28	9	--	4
4	20	28	10	--	4
4	20	28	11	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	20	28	12	--	4
4	20	28	13	--	4
4	20	28	14	--	4
4	20	28	15	--	4
4	20	28	16	--	4
4	20	28	17	--	4
4	20	28	18	--	4
4	20	28	19	--	4
4	20	28	20	--	4
4	20	28	21	--	4
4	20	28	22	--	4
4	20	28	23	--	4
4	20	28	24	--	4
4	20	28	25	--	4
4	20	28	26	--	4
4	20	28	27	--	4
4	20	28	28	--	4
4	20	28	29	--	4
4	20	28	30	--	4
4	20	28	31	--	4
4	20	28	32	--	4
4	20	28	33	--	4
4	20	28	34	--	4
4	20	28	35	--	4
4	20	28	36	--	4
4	21	28	6	--	5
4	21	28	26	--	5
4	21	28	27	--	5
4	21	28	28	--	4
4	21	28	33	--	5
4	21	28	34	--	5
4	21	28	35	--	5
4	22	28	1	--	5
4	22	28	11	--	5
4	22	28	12	--	5
4	22	28	13	--	5
4	22	28	14	--	5
4	22	28	15	--	5
4	22	28	16	--	5
4	26	28	4	--	5
4	26	28	5	--	5
4	26	28	6	--	5
4	26	28	7	--	5
4	27	28	6	--	5
4	27	28	12	--	5
4	27	28	14	--	5
4	27	28	15	--	5
4	27	28	22	--	5
4	27	28	27	--	5
4	27	28	28	--	5
4	27	28	29	--	5
4	27	28	31	--	5
4	27	28	32	--	5
4	27	28	33	--	5
4	28	28	1	--	5
4	28	28	2	--	5
4	28	28	9	--	5
4	28	28	10	7	3
4	28	28	10	--	5
4	28	28	11	--	5
4	28	28	12	--	5
4	28	28	14	--	5
4	28	28	15	--	5
4	28	28	16	--	5
4	28	28	17	--	5
4	28	28	19	--	5
4	28	28	20	--	5
4	28	28	21	--	5
4	28	28	22	--	5
4	28	28	23	--	5
4	28	28	27	--	5
4	28	28	28	--	5
4	28	28	29	--	5
4	28	28	30	--	5
4	28	28	36	--	5
4	29	28	24	--	5
4	29	28	25	--	5
4	29	28	26	--	5
4	29	28	28	12	2
4	29	28	34	--	5
4	29	28	35	--	5
4	5	29	22	16	2
4	12	29	10	--	4
4	12	29	32	--	5
4	12	29	35	--	4
4	13	29	1	--	5
4	13	29	3	--	4
4	13	29	4	--	4
4	13	29	9	--	4
4	13	29	10	--	4
4	13	29	25	--	5
4	13	29	27	--	5
4	13	29	30	--	5
4	13	29	31	--	5
4	13	29	32	--	5
4	13	29	35	--	4
4	14	29	5	--	5
4	14	29	6	--	5
4	14	29	7	--	5
4	14	29	8	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	15	29	30	--	5
4	15	29	36	--	5
4	16	29	21	--	5
4	16	29	28	--	5
4	16	29	32	--	5
4	17	29	2	--	5
4	17	29	3	--	5
4	17	29	4	--	5
4	17	29	5	--	5
4	17	29	6	--	5
4	17	29	7	--	5
4	17	29	8	--	5
4	17	29	9	--	5
4	17	29	10	--	5
4	17	29	11	--	5
4	17	29	15	--	5
4	17	29	16	--	5
4	17	29	17	--	5
4	17	29	18	--	5
4	17	29	19	--	5
4	17	29	20	--	5
4	17	29	21	--	5
4	17	29	28	11-14	3
4	17	29	28	--	4
4	17	29	29	--	5
4	17	29	30	--	5
4	17	29	31	--	5
4	17	29	32	--	5
4	17	29	33	--	5
4	18	29	1	--	5
4	18	29	2	--	4
4	18	29	3	--	5
4	18	29	10	--	5
4	18	29	11	--	4
4	18	29	12	--	5
4	18	29	13	--	5
4	18	29	24	--	5
4	18	29	25	--	5
4	18	29	31	--	5
4	18	29	32	--	5
4	18	29	36	--	5
4	19	29	1	--	4
4	19	29	2	--	4
4	19	29	3	--	4
4	19	29	4	--	4
4	19	29	5	--	4
4	19	29	6	--	4
4	19	29	7	--	4
4	19	29	8	--	4
4	19	29	9	--	4
4	19	29	10	--	4
4	19	29	11	--	4
4	19	29	12	--	4
4	19	29	13	--	4
4	19	29	14	--	4
4	19	29	15	--	4
4	19	29	16	--	4
4	19	29	17	--	4
4	19	29	18	--	4
4	19	29	19	--	4
4	19	29	20	--	4
4	19	29	21	--	4
4	19	29	22	--	4
4	19	29	23	--	4
4	19	29	24	--	4
4	19	29	25	--	4
4	19	29	26	--	4
4	19	29	27	--	4
4	19	29	28	--	4
4	19	29	29	--	4
4	19	29	30	--	4
4	19	29	31	--	4
4	19	29	32	--	4
4	19	29	33	--	4
4	19	29	34	--	4
4	19	29	35	--	4
4	19	29	36	--	4
4	20	29	1	--	4
4	20	29	2	--	4
4	20	29	3	--	4
4	20	29	4	--	4
4	20	29	5	--	4
4	20	29	6	--	4
4	20	29	7	--	4
4	20	29	8	--	4
4	20	29	9	--	4
4	20	29	10	--	4
4	20	29	11	--	4
4	20	29	12	--	4
4	20	29	13	--	4
4	20	29	14	--	4
4	20	29	15	--	4
4	20	29	16	--	4
4	20	29	17	--	4
4	20	29	18	--	4
4	20	29	19	--	4
4	20	29	20	--	4
4	20	29	21	--	4
4	20	29	22	--	4
4	20	29	23	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	20	29	24	--	4
4	20	29	25	--	4
4	20	29	26	--	4
4	20	29	27	--	4
4	20	29	28	--	4
4	20	29	29	--	4
4	20	29	30	--	4
4	20	29	31	--	4
4	20	29	32	--	4
4	21	29	1	--	4
4	21	29	2	--	4
4	21	29	3	--	4
4	21	29	4	--	4
4	21	29	5	--	4
4	21	29	6	--	4
4	21	29	7	--	4
4	21	29	8	--	4
4	21	29	9	--	4
4	21	29	10	--	4
4	21	29	11	--	4
4	21	29	12	--	4
4	21	29	13	--	4
4	21	29	14	--	4
4	21	29	15	--	4
4	21	29	16	--	4
4	21	29	17	--	4
4	21	29	18	--	4
4	21	29	23	--	4
4	21	29	24	--	5
4	21	29	25	--	4
4	21	29	26	--	5
4	21	29	27	--	5
4	21	29	33	--	5
4	21	29	34	--	5
4	21	29	35	--	5
4	21	29	36	--	4
4	22	29	4	--	5
4	22	29	7	--	5
4	22	29	8	--	5
4	22	29	9	--	5
4	22	29	11	--	5
4	22	29	12	--	5
4	22	29	15	--	5
4	22	29	16	--	5
4	22	29	17	--	5
4	22	29	18	--	5
4	22	29	19	--	5
4	23	29	10	--	5
4	23	29	13	--	5
4	23	29	14	--	5
4	23	29	15	15	2
4	23	29	15	--	5
4	23	29	16	--	5
4	23	29	17	--	5
4	23	29	19	--	5
4	24	29	12	--	5
4	24	29	13	--	5
4	24	29	14	--	5
4	24	29	15	--	5
4	24	29	22	--	5
4	24	29	24	--	5
4	27	29	5	--	4
4	27	29	7	--	5
4	28	29	2	--	5
4	28	29	3	--	5
4	28	29	4	--	5
4	28	29	7	--	4
4	28	29	8	--	5
4	28	29	9	--	5
4	28	29	13	--	5
4	28	29	18	--	5
4	28	29	22	--	5
4	28	29	23	--	5
4	28	29	28	--	5
4	28	29	29	--	5
4	28	29	31	--	5
4	28	29	32	--	5
4	29	29	3	--	5
4	29	29	13	--	5
4	29	29	23	--	4
4	29	29	27	--	5
4	29	29	34	--	5
4	29	29	35	--	5
4	29	29	36	--	5
4	4	30	14	--	4
4	4	30	17	--	4
4	4	30	29	--	4
4	4	30	36	--	4
4	12	30	5	--	5
4	13	30	6	--	5
4	13	30	16	--	4
4	13	30	33	--	5
4	13	30	36	--	5
4	14	30	1	--	4
4	14	30	12	--	5
4	15	30	3	--	4
4	15	30	5	--	4
4	15	30	6	3-6	3
4	15	30	6	--	4
4	15	30	9	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	16	30	5	--	5
4	16	30	6	--	5
4	16	30	7	--	5
4	16	30	19	--	5
4	16	30	20	--	5
4	16	30	29	--	5
4	16	30	30	--	5
4	17	30	1	--	5
4	17	30	4	--	5
4	17	30	5	--	4
4	17	30	6	--	5
4	17	30	7	--	5
4	17	30	8	--	5
4	17	30	9	--	5
4	17	30	11	--	5
4	17	30	12	--	5
4	17	30	13	--	5
4	17	30	14	--	4
4	17	30	15	--	5
4	17	30	16	1, 2, 7-10, 15, 16	3
4	17	30	16	--	4
4	17	30	17	--	5
4	17	30	21	--	4
4	17	30	22	--	5
4	17	30	23	--	5
4	17	30	24	--	5
4	17	30	25	--	5
4	17	30	28	--	5
4	18	30	5	--	5
4	18	30	6	--	5
4	19	30	1	--	5
4	19	30	5	--	5
4	19	30	7	--	5
4	19	30	8	--	5
4	19	30	12	--	5
4	19	30	13	--	5
4	19	30	24	--	5
4	20	30	4	--	5
4	20	30	5	--	5
4	20	30	9	--	5
4	20	30	10	--	5
4	20	30	13	--	5
4	20	30	24	--	5
4	21	30	3	--	4
4	21	30	4	--	5
4	21	30	5	--	5
4	21	30	6	--	5
4	21	30	9	--	5
4	21	30	10	--	4
4	21	30	15	--	5
4	21	30	16	--	5
4	21	30	21	1-16	3
4	21	30	22	--	5
4	21	30	27	--	5
4	21	30	28	--	5
4	21	30	33	1-16	3
4	21	30	34	--	5
4	22	30	1	--	5
4	22	30	12	--	4
4	22	30	13	--	5
4	22	30	14	--	5
4	22	30	15	--	5
4	22	30	16	--	5
4	22	30	17	--	5
4	22	30	18	--	5
4	22	30	21	--	5
4	22	30	22	--	5
4	22	30	28	--	5
4	22	30	33	--	5
4	23	30	13	--	5
4	23	30	14	--	5
4	23	30	15	--	5
4	23	30	21	--	5
4	23	30	22	--	5
4	23	30	23	--	5
4	26	30	25	--	5
4	26	30	36	--	5
4	28	30	6	--	5
4	28	30	25	--	4
4	29	30	1	--	5
4	29	30	3	--	5
4	29	30	10	--	5
4	29	30	11	--	5
4	29	30	12	--	5
4	29	30	13	--	5
4	29	30	15	--	5
4	29	30	22	--	5
4	29	30	23	--	5
4	29	30	26	--	5
4	29	30	27	--	5
4	29	30	34	--	5
4	3	31	9	--	5
4	3	31	15	--	5
4	3	31	16	--	5
4	4	31	12	--	5
4	4	31	18	--	4
4	4	31	24	--	5
4	13	31	6	--	5
4	13	31	19	--	5
4	13	31	35	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	13	31	36	--	5
4	14	31	5	--	4
4	14	31	8	--	4
4	14	31	19	--	4
4	14	31	20	--	4
4	14	31	22	--	4
4	14	31	24	--	5
4	14	31	26	--	4
4	14	31	33	--	4
4	15	31	18	--	4
4	15	31	26	--	4
4	15	31	35	--	4
4	16	31	13	--	4
4	16	31	20	12	2
4	21	31	2	--	5
4	21	31	3	1-16	3
4	21	31	4	--	5
4	21	31	9	--	5
4	21	31	10	--	5
4	21	31	11	--	5
4	21	31	15	--	5
4	21	31	16	--	5
4	21	31	17	--	5
4	21	31	19	--	5
4	21	31	20	--	5
4	21	31	21	--	5
4	21	31	28	--	5
4	21	31	29	--	5
4	21	31	31	--	5
4	21	31	32	1-16	3
4	21	31	33	--	5
4	21	31	34	--	5
4	22	31	3	--	5
4	22	31	4	--	5
4	22	31	9	--	5
4	22	31	16	--	5
4	25	31	6	--	5
4	25	31	11	--	5
4	26	31	1	--	5
4	26	31	12	--	5
4	26	31	13	--	5
4	26	31	22	11-14	2
4	26	31	23	--	5
4	26	31	26	--	5
4	26	31	27	--	5
4	26	31	33	--	5
4	26	31	34	--	5
4	27	31	31	--	4
4	3	32	2	--	5
4	3	32	3	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	3	32	10	--	5
4	3	32	11	2	3
4	3	32	11	--	5
4	4	32	28	--	5
4	5	32	27	--	5
4	5	32	28	--	5
4	5	32	34	--	5
4	5	32	35	--	5
4	13	32	19	--	5
4	13	32	29	--	5
4	13	32	31	--	5
4	13	32	33	--	5
4	14	32	2	--	4
4	14	32	5	--	4
4	14	32	8	--	4
4	14	32	17	--	4
4	14	32	20	--	4
4	14	32	24	--	5
4	17	32	27	--	4
4	20	32	22	--	4
4	21	32	4	--	5
4	21	32	5	--	5
4	21	32	6	--	5
4	21	32	7	1-16	3
4	21	32	8	--	5
4	21	32	17	--	5
4	21	32	18	1-16	3
4	21	32	19	--	5
4	21	32	20	--	5
4	21	32	30	--	5
4	21	32	31	--	5
4	22	32	13	--	5
4	22	32	24	--	5
4	22	32	25	--	5
4	22	32	36	--	5
4	24	32	13	--	5
4	24	32	24	--	5
4	26	32	4	--	5
4	26	32	9	--	5
4	26	32	10	--	5
4	26	32	16	--	5
4	26	32	20	--	5
4	26	32	21	--	5
4	26	32	29	--	5
4	26	32	30	--	5
4	26	32	31	--	5
4	27	32	6	--	4
4	27	32	26	--	5
4	27	32	27	--	5
4	27	32	33	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	27	32	34	--	5
4	27	32	36	--	5
4	26	32	23	--	5
4	28	32	26	--	5
4	28	32	35	--	5
4	4	33	6	--	4
4	4	33	8	--	4
4	4	33	22	--	4
4	6	33	3	--	4
4	6	33	5	--	4
4	6	33	6	--	4
4	11	33	13	12	2
4	12	33	11	--	4
4	12	33	17	--	4
4	12	33	18	--	4
4	12	33	31	--	5
4	13	33	8	--	5
4	13	33	25	--	5
4	13	33	32	--	5
4	14	33	11	--	5
4	18	33	6	1	2
4	18	33	33	--	4
4	19	33	14	--	5
4	19	33	33	--	4
4	20	33	13	--	4
4	20	33	14	9	3
4	20	33	14	--	4
4	20	33	20	--	4
4	21	33	3	9, 10	1
4	21	33	3	11	3
4	21	33	3	--	5
4	21	33	5	--	4
4	21	33	6	--	4
4	21	33	7	--	4
4	21	33	8	--	4
4	21	33	14	--	4
4	21	33	17	--	4
4	22	33	1	--	4
4	22	33	2	--	5
4	22	33	11	--	4
4	22	33	12	--	4
4	22	33	13	--	4
4	22	33	14	--	4
4	22	33	15	--	4
4	22	33	21	--	5
4	22	33	22	--	4
4	22	33	23	--	4
4	22	33	26	--	4
4	22	33	27	--	4
4	22	33	28	--	5
4	22	33	33	--	4
4	22	33	34	--	4
4	22	33	35	1-16	3
4	22	33	36	--	4
4	23	33	8	9, 10, 16	1
4	27	33	4	--	5
4	27	33	9	--	5
4	27	33	17	--	5
4	27	33	20	--	5
4	27	33	29	--	5
4	27	33	31	--	5
4	28	33	2	--	5
4	28	33	3	--	5
4	28	33	10	--	5
4	28	33	15	--	5
4	28	33	16	--	5
4	28	33	21	--	5
4	28	33	22	--	5
4	28	33	28	--	4
4	28	33	33	--	5
4	4	34	1	--	4
4	12	34	10	--	5
4	12	34	13	--	4
4	12	34	17	--	4
4	12	34	31	--	5
4	13	34	11	--	4
4	13	34	12	--	5
4	13	34	18	--	5
4	13	34	22	--	5
4	14	34	36	--	5
4	15	34	10	--	4
4	15	34	11	--	5
4	15	34	12	--	5
4	15	34	14	--	5
4	15	34	15	5, 12	3
4	15	34	15	--	4
4	15	34	16	8, 9	3
4	15	34	16	--	5
4	15	34	22	--	5
4	15	34	23	--	5
4	15	34	24	--	5
4	15	34	25	--	5
4	15	34	26	--	5
4	15	34	27	--	5
4	15	34	34	--	5
4	15	34	35	--	5
4	15	34	36	--	5
4	16	34	32	--	4
4	17	34	19	--	5
4	17	34	31	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	17	34	34	--	4
4	18	34	24	9	3
4	18	34	24	--	5
4	18	34	36	--	4
4	20	34	21	--	4
4	20	34	36	--	4
4	21	34	2	--	5
4	21	34	10	--	5
4	21	34	15	--	4
4	21	34	16	--	4
4	21	34	18	--	4
4	21	34	19	--	4
4	21	34	20	--	4
4	21	34	21	--	4
4	21	34	22	--	4
4	21	34	23	--	4
4	21	34	24	--	4
4	21	34	25	--	5
4	21	34	26	--	5
4	21	34	27	--	5
4	21	34	28	--	5
4	21	34	29	--	5
4	21	34	30	--	5
4	21	34	31	--	4
4	21	34	33	--	5
4	21	34	34	--	5
4	21	34	35	--	4
4	22	34	1	--	4
4	22	34	2	--	4
4	22	34	3	--	4
4	22	34	4	--	4
4	22	34	5	--	4
4	22	34	10	--	4
4	22	34	11	--	4
4	22	34	12	--	4
4	22	34	13	14	3
4	22	34	13	--	4
4	22	34	14	--	4
4	22	34	15	--	4
4	22	34	16	--	4
4	22	34	24	1, 3, 6, 8	3
4	22	34	24	--	4
4	22	34	29	--	4
4	24	34	13	--	5
4	27	34	6	--	5
4	28	34	1	--	5
4	28	34	5	--	5
4	28	34	8	--	5
4	28	34	12	--	5
4	28	34	13	--	5
4	28	34	17	--	5
4	28	34	18	--	5
4	28	34	19	--	5
4	28	34	24	--	5
4	28	34	25	--	5
4	28	34	34	--	5
4	28	34	35	--	5
4	28	34	36	--	5
4	2	35	28	--	4
4	4	35	1	--	4
4	4	35	4	--	4
4	4	35	6	11	2
4	4	35	9	--	4
4	4	35	29	--	4
4	4	35	30	--	4
4	4	35	31	--	4
4	4	35	32	--	4
4	5	35	15	--	4
4	5	35	25	--	4
4	5	35	36	--	4
4	6	35	35	--	4
4	8	35	9	--	4
4	9	35	29	--	4
4	10	35	6	4	1
4	11	35	32	--	5
4	12	35	13	--	5
4	12	35	16	--	5
4	12	35	27	--	4
4	13	35	5	--	5
4	13	35	12	--	5
4	15	35	1	--	5
4	15	35	11	--	5
4	15	35	12	--	5
4	15	35	13	--	5
4	15	35	14	--	5
4	15	35	21	--	5
4	15	35	22	--	5
4	15	35	23	--	5
4	15	35	26	--	5
4	15	35	27	--	5
4	15	35	28	--	5
4	15	35	32	--	5
4	15	35	33	--	5
4	15	35	34	--	5
4	15	35	36	--	5
4	16	35	24	--	4
4	17	35	25	--	5
4	17	35	26	--	5
4	17	35	27	--	5
4	17	35	34	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	17	35	35	--	5
4	19	35	4	--	4
4	19	35	5	--	4
4	19	35	23	--	4
4	19	35	27	--	4
4	20	35	9	--	5
4	20	35	26	10, 15	1
4	21	35	2	--	5
4	21	35	3	--	5
4	21	35	10	--	5
4	21	35	11	--	5
4	21	35	14	--	4
4	21	35	15	--	4
4	21	35	16	--	4
4	21	35	21	--	4
4	21	35	22	--	4
4	21	35	25	--	4
4	21	35	26	--	4
4	21	35	27	--	4
4	21	35	28	--	4
4	21	35	29	--	4
4	21	35	30	--	4
4	21	35	31	--	4
4	21	35	32	--	4
4	21	35	33	--	4
4	21	35	34	--	4
4	21	35	35	--	4
4	22	35	21	--	4
4	22	35	25	--	4
4	23	35	17	--	4
4	24	35	8	--	4
4	24	35	15	--	4
4	24	35	29	--	4
4	24	35	30	--	4
4	28	35	28	5	1
4	28	35	28	3, 4	2
4	1	36	29	--	5
4	1	36	30	--	5
4	1	36	31	--	5
4	1	36	32	13	3
4	1	36	32	--	5
4	2	36	25	--	5
4	2	36	26	--	5
4	2	36	27	--	5
4	2	36	28	--	5
4	2	36	29	--	5
4	2	36	30	--	5
4	2	36	31	--	5
4	2	36	32	--	5
4	2	36	33	--	4
4	2	36	34	--	5
4	2	36	35	--	5
4	2	36	36	--	4
4	3	36	25	--	5
4	3	36	26	--	5
4	3	36	27	--	5
4	3	36	28	--	5
4	3	36	29	--	5
4	3	36	30	--	4
4	3	36	31	--	5
4	3	36	32	--	5
4	3	36	33	--	5
4	3	36	34	--	5
4	3	36	35	--	5
4	3	36	36	--	5
4	4	36	1	--	4
4	4	36	4	--	4
4	4	36	6	--	4
4	4	36	7	--	4
4	4	36	11	--	4
4	5	36	1	--	5
4	5	36	3	--	4
4	5	36	10	--	4
4	5	36	11	--	4
4	5	36	12	--	4
4	5	36	30	--	4
4	6	36	1	--	4
4	6	36	10	--	4
4	6	36	11	--	4
4	6	36	12	--	4
4	6	36	13	--	4
4	6	36	14	--	4
4	6	36	17	--	4
4	6	36	19	15	3
4	6	36	19	--	5
4	6	36	23	--	4
4	6	36	24	--	4
4	6	36	35	--	4
4	6	36	36	--	4
4	7	36	19	--	4
4	8	36	24	--	4
4	9	36	34	--	4
4	11	36	5	--	5
4	11	36	7	--	5
4	11	36	14	--	5
4	12	36	1	--	5
4	12	36	12	--	5
4	13	36	17	--	4
4	15	36	1	--	5
4	15	36	2	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	15	36	3	--	5
4	15	36	4	--	5
4	15	36	5	--	5
4	15	36	6	--	5
4	15	36	7	--	5
4	15	36	8	--	5
4	15	36	9	--	5
4	15	36	10	--	5
4	15	36	11	--	5
4	15	36	12	--	5
4	15	36	13	--	5
4	15	36	14	--	5
4	15	36	15	--	5
4	15	36	16	--	5
4	15	36	17	--	5
4	15	36	18	--	5
4	15	36	19	--	5
4	15	36	20	--	4
4	15	36	21	--	5
4	15	36	22	--	5
4	15	36	23	--	5
4	15	36	24	--	5
4	15	36	25	--	5
4	15	36	26	--	5
4	15	36	27	--	5
4	15	36	28	--	5
4	15	36	29	--	4
4	15	36	30	--	5
4	15	36	31	--	5
4	15	36	32	--	5
4	15	36	33	--	5
4	15	36	34	--	5
4	15	36	35	--	5
4	15	36	36	--	5
4	16	36	7	--	5
4	16	36	8	--	5
4	16	36	13	--	5
4	16	36	14	--	5
4	16	36	15	--	5
4	16	36	16	--	5
4	16	36	17	--	5
4	16	36	18	--	5
4	16	36	19	--	5
4	16	36	20	--	5
4	16	36	21	--	5
4	16	36	22	--	5
4	16	36	23	--	5
4	16	36	24	--	5
4	16	36	25	--	5
4	16	36	26	--	5
4	16	36	27	--	5
4	16	36	28	--	5
4	16	36	29	--	5
4	16	36	30	--	5
4	16	36	31	--	5
4	16	36	32	--	5
4	16	36	33	--	5
4	16	36	34	--	5
4	16	36	35	--	5
4	16	36	36	--	5
4	17	36	25	--	5
4	17	36	36	--	5
4	19	36	3	--	5
4	19	36	4	--	5
4	19	36	5	--	5
4	19	36	6	--	5
4	19	36	7	--	5
4	19	36	8	--	5
4	19	36	9	--	5
4	19	36	10	--	5
4	19	36	11	--	5
4	19	36	13	--	5
4	19	36	14	--	5
4	19	36	15	--	5
4	19	36	16	--	5
4	19	36	17	--	5
4	19	36	18	--	5
4	19	36	19	--	5
4	19	36	20	--	5
4	19	36	21	--	5
4	19	36	22	--	5
4	19	36	23	--	5
4	19	36	24	--	5
4	19	36	25	--	5
4	19	36	26	--	5
4	19	36	27	--	5
4	19	36	28	--	5
4	19	36	29	--	5
4	19	36	30	--	5
4	19	36	31	--	5
4	19	36	32	--	5
4	19	36	33	--	5
4	19	36	34	--	5
4	19	36	35	--	4
4	19	36	36	--	5
4	20	36	25	--	5
4	20	36	36	--	5
4	21	36	5	--	4
4	21	36	6	--	4
4	21	36	7	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	21	36	8	--	4
4	21	36	18	--	4
4	21	36	27	--	4
4	21	36	28	--	4
4	21	36	29	--	4
4	21	36	32	--	4
4	21	36	33	--	4
4	21	36	36	--	4
4	22	36	1	--	5
4	22	36	12	--	4
4	22	36	13	--	4
4	22	36	14	--	4
4	22	36	18	--	4
4	22	36	23	--	4
4	22	36	24	--	4
4	22	36	25	--	4
4	22	36	26	--	4
4	22	36	34	--	4
4	22	36	35	--	4
4	22	36	36	--	4
4	25	36	22	9, 16	2
4	26	36	19	--	4
4	26	36	30	--	4
4	27	36	24	--	4
4	27	36	25	--	4
4	27	36	35	--	4
4	27	36	36	--	4
4	28	36	18	--	4
4	1	37	5	--	4
4	1	37	6	--	5
4	1	37	7	--	5
4	1	37	8	--	5
4	2	37	1	--	5
4	2	37	2	--	5
4	2	37	3	--	5
4	2	37	4	--	5
4	2	37	5	--	5
4	2	37	6	--	5
4	2	37	7	--	5
4	2	37	8	--	5
4	2	37	9	--	5
4	2	37	10	--	5
4	2	37	11	--	5
4	2	37	12	--	5
4	2	37	20	--	5
4	3	37	1	--	5
4	3	37	2	--	5
4	3	37	3	--	5
4	3	37	4	--	5
4	3	37	5	--	5
4	3	37	6	--	5
4	3	37	7	--	5
4	3	37	8	--	5
4	3	37	9	--	5
4	3	37	10	--	5
4	3	37	11	--	5
4	3	37	12	--	5
4	3	37	15	--	4
4	5	37	5	--	4
4	5	37	6	--	4
4	5	37	8	--	4
4	5	37	9	--	4
4	5	37	10	--	4
4	6	37	1	--	4
4	6	37	2	--	4
4	6	37	6	--	4
4	6	37	7	--	4
4	6	37	8	--	4
4	6	37	10	--	4
4	6	37	11	--	4
4	6	37	12	--	4
4	6	37	13	--	4
4	6	37	15	--	4
4	6	37	16	--	4
4	6	37	17	--	4
4	6	37	18	--	4
4	6	37	19	--	4
4	6	37	20	--	4
4	6	37	22	--	4
4	6	37	23	--	4
4	6	37	35	--	4
4	6	37	36	--	4
4	7	37	6	--	4
4	7	37	11	--	4
4	7	37	13	--	4
4	7	37	14	--	4
4	7	37	15	--	4
4	7	37	17	--	4
4	7	37	18	--	4
4	7	37	19	--	4
4	7	37	20	--	4
4	7	37	22	--	4
4	7	37	23	--	4
4	7	37	24	--	4
4	8	37	1	--	4
4	8	37	16	--	4
4	8	37	24	--	4
4	9	37	13	--	4
4	9	37	14	--	4
4	9	37	15	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	9	37	16	--	4
4	9	37	19	--	4
4	9	37	20	--	4
4	9	37	22	--	4
4	9	37	24	--	4
4	9	37	27	--	4
4	10	37	19	--	4
4	12	37	7	--	5
4	12	37	12	--	5
4	12	37	13	--	5
4	12	37	19	--	5
4	13	37	32	--	5
4	13	37	33	--	5
4	13	37	35	--	5
4	14	37	24	--	5
4	14	37	26	--	5
4	14	37	33	--	5
4	14	37	35	12	2
4	14	37	35	--	5
4	15	37	1	--	5
4	15	37	2	--	5
4	15	37	3	--	5
4	15	37	4	--	5
4	15	37	5	--	5
4	15	37	6	--	5
4	15	37	7	--	5
4	15	37	8	--	5
4	15	37	9	--	5
4	15	37	10	--	5
4	15	37	11	--	5
4	15	37	12	--	5
4	15	37	14	--	5
4	15	37	15	--	5
4	15	37	16	--	5
4	15	37	17	--	5
4	15	37	18	--	5
4	15	37	19	--	5
4	15	37	20	--	5
4	15	37	21	--	5
4	15	37	22	--	5
4	15	37	23	--	5
4	15	37	27	--	5
4	15	37	28	--	5
4	15	37	29	--	5
4	15	37	30	--	5
4	16	37	1	--	4
4	16	37	2	--	5
4	16	37	3	--	5
4	16	37	4	--	5
4	16	37	5	--	5
4	16	37	6	--	5
4	16	37	7	--	5
4	16	37	8	--	5
4	16	37	9	--	5
4	16	37	10	--	5
4	16	37	13	--	5
4	16	37	14	--	5
4	16	37	15	--	5
4	16	37	16	--	5
4	16	37	17	--	5
4	16	37	18	--	5
4	16	37	19	--	5
4	16	37	20	--	5
4	16	37	21	--	5
4	16	37	22	--	5
4	16	37	23	--	5
4	16	37	24	--	5
4	16	37	25	--	5
4	16	37	26	--	5
4	16	37	27	--	5
4	16	37	28	--	5
4	16	37	29	--	5
4	16	37	30	--	5
4	16	37	31	--	5
4	16	37	32	--	5
4	16	37	33	--	5
4	16	37	34	--	5
4	16	37	35	--	5
4	16	37	36	--	5
4	17	37	1	--	5
4	17	37	2	--	5
4	17	37	7	--	5
4	17	37	12	--	5
4	17	37	13	--	5
4	17	37	19	--	5
4	17	37	20	--	5
4	17	37	21	--	5
4	17	37	24	--	5
4	17	37	28	--	5
4	17	37	29	--	5
4	17	37	30	--	5
4	17	37	31	--	5
4	17	37	32	--	5
4	17	37	33	--	5
4	18	37	12	--	5
4	18	37	13	--	5
4	18	37	14	--	5
4	18	37	15	--	5
4	18	37	16	--	5
4	18	37	19	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	18	37	20	--	5
4	18	37	21	--	5
4	18	37	22	--	5
4	18	37	23	--	5
4	18	37	24	--	5
4	18	37	25	--	5
4	18	37	26	--	5
4	18	37	27	--	5
4	18	37	28	--	5
4	18	37	29	--	5
4	18	37	30	--	5
4	18	37	31	--	5
4	18	37	32	--	5
4	18	37	33	--	5
4	18	37	34	--	5
4	18	37	35	--	5
4	19	37	1	--	5
4	19	37	2	--	5
4	19	37	3	--	5
4	19	37	4	--	5
4	19	37	5	--	5
4	19	37	6	--	5
4	19	37	7	--	5
4	19	37	8	--	5
4	19	37	9	--	5
4	19	37	10	--	5
4	19	37	11	--	5
4	19	37	12	--	5
4	19	37	25	--	5
4	19	37	26	--	5
4	19	37	32	--	5
4	19	37	33	--	5
4	19	37	34	--	5
4	19	37	35	--	5
4	19	37	36	--	5
4	20	37	1	--	5
4	20	37	12	--	5
4	20	37	33	--	4
4	22	37	1	--	4
4	22	37	2	--	4
4	22	37	11	--	4
4	22	37	12	--	4
4	22	37	13	--	4
4	22	37	14	--	4
4	22	37	21	12	2
4	22	37	22	--	5
4	22	37	23	--	4
4	22	37	24	--	4
4	22	37	26	--	4
4	22	37	27	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	22	37	34	--	4
4	25	37	3	--	5
4	25	37	4	--	5
4	25	37	18	--	5
4	25	37	19	--	5
4	26	37	13	--	5
4	26	37	24	--	5
4	26	37	34	--	4
4	27	37	20	--	4
4	27	37	21	--	4
4	2	38	13	4	1
4	3	38	2	--	4
4	6	38	5	--	4
4	6	38	13	--	4
4	6	38	14	--	4
4	6	38	24	--	4
4	6	38	27	--	5
4	6	38	32	--	4
4	12	38	23	--	5
4	12	38	36	--	5
4	13	38	4	--	5
4	13	38	5	--	5
4	13	38	7	--	5
4	13	38	29	--	5
4	13	38	30	--	5
4	14	38	2	--	5
4	14	38	5	--	5
4	14	38	10	--	5
4	14	38	11	--	5
4	14	38	12	--	5
4	14	38	14	--	5
4	14	38	15	--	5
4	14	38	16	--	5
4	14	38	17	--	5
4	14	38	18	--	5
4	14	38	19	--	5
4	14	38	20	--	5
4	14	38	21	--	5
4	14	38	24	--	5
4	14	38	25	--	5
4	14	38	26	--	5
4	15	38	19	--	5
4	15	38	26	--	5
4	15	38	28	--	5
4	15	38	30	--	5
4	15	38	31	--	5
4	15	38	32	--	5
4	15	38	33	--	5
4	15	38	34	--	5
4	15	38	35	--	5

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	15	38	36	--	5
4	16	38	3	--	5
4	16	38	4	--	5
4	16	38	5	--	5
4	16	38	6	--	5
4	16	38	35	--	4
4	18	38	8	--	5
4	18	38	17	--	5
4	18	38	33	5	2
4	19	38	1	--	5
4	19	38	2	--	5
4	19	38	3	--	5
4	19	38	10	--	5
4	19	38	15	--	5
4	20	38	6	--	4
4	22	38	2	--	4
4	22	38	3	--	4
4	22	38	4	--	4
4	22	38	8	--	4
4	22	38	9	--	4
4	22	38	10	--	4
4	22	38	11	--	4
4	22	38	14	--	4
4	22	38	15	--	4
4	22	38	16	--	4
4	22	38	21	--	4
4	22	38	22	--	4
4	22	38	23	--	4
4	22	38	27	--	4
4	22	38	28	--	4
4	22	38	33	--	4
4	22	38	34	--	4
4	23	38	7	--	4
4	23	38	17	--	4
4	23	38	18	--	4
4	23	38	20	--	4
4	23	38	29	--	4
4	23	38	33	--	4
4	23	38	34	--	4
4	23	38	35	--	4
4	23	38	36	--	4
4	24	38	4	--	5
4	24	38	5	--	5
4	24	38	6	--	5
4	24	38	9	8, 9	3
4	24	38	9	--	5
4	24	38	10	2, 3, 5-7, 12	3
4	24	38	10	--	5
4	24	38	11	--	5
4	24	38	12	--	5
4	25	38	1	--	4
4	25	38	2	--	4
4	25	38	3	--	4
4	25	38	9	--	4
4	25	38	13	--	4
4	25	38	17	--	5
4	25	38	18	--	4
4	25	38	30	--	4
4	25	38	31	--	4
4	25	38	32	--	4
4	26	38	3	--	4
4	26	38	13	--	4
4	26	38	14	--	5
4	26	38	17	--	5
4	26	38	20	--	4
4	26	38	21	--	4
4	26	38	22	--	4
4	26	38	23	--	4
4	26	38	24	--	4
4	26	38	27	--	4
4	26	38	28	--	4
4	26	38	29	--	4
4	26	38	30	--	4
4	26	38	31	--	4
4	26	38	32	--	4
4	26	38	33	--	4
4	26	38	34	--	4
4	27	38	16	11-14	1
4	27	38	16	--	4
4	27	38	17	9, 10, 15, 16	1
4	27	38	18	--	4
4	27	38	20	1, 2, 7-10, 15, 16	2
4	27	38	21	3-6, 9, 10, 15, 16	2
4	28	38	2	--	4
4	28	38	11	--	5
4	28	38	12	--	4
4	28	38	13	--	5
4	28	38	14	--	4
4	28	38	19	--	4
4	28	38	21	--	4
4	4	39	34	--	4
4	6	39	1	--	4
4	6	39	5	--	4
4	6	39	11	--	4
4	6	39	25	--	4
4	7	39	4	--	4
4	7	39	8	--	5
4	7	39	9	--	5
4	7	39	21	--	5
4	7	39	29	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	8	39	5	--	5
4	8	39	12	--	4
4	9	39	10	--	4
4	11	39	3	--	4
4	11	39	6	--	5
4	11	39	16	--	4
4	11	39	17	--	4
4	11	39	20	--	4
4	11	39	33	--	4
4	11	39	35	--	4
4	11	39	36	--	5
4	12	39	1	--	4
4	12	39	2	--	4
4	12	39	3	--	5
4	12	39	4	--	4
4	12	39	5	--	4
4	12	39	9	--	4
4	12	39	10	--	5
4	12	39	11	--	4
4	12	39	12	--	4
4	12	39	14	--	4
4	12	39	18	--	4
4	12	39	19	--	4
4	12	39	23	--	4
4	13	39	23	--	4
4	13	39	27	--	4
4	13	39	30	--	5
4	13	39	33	--	4
4	13	39	34	--	4
4	13	39	35	--	4
4	13	39	36	--	4
4	14	39	19	--	5
4	14	39	25	--	5
4	14	39	26	--	5
4	14	39	27	--	5
4	14	39	28	--	5
4	14	39	29	--	5
4	14	39	30	--	5
4	15	39	1	--	5
4	15	39	2	--	5
4	15	39	3	--	5
4	15	39	4	--	5
4	15	39	5	--	5
4	15	39	8	--	5
4	15	39	9	--	5
4	15	39	10	--	5
4	15	39	11	--	5
4	15	39	12	--	5
4	15	39	13	--	5
4	15	39	14	--	5
4	15	39	15	--	5
4	15	39	17	--	5
4	15	39	18	--	5
4	15	39	19	--	5
4	15	39	20	--	5
4	15	39	21	--	5
4	15	39	22	--	5
4	15	39	23	--	5
4	15	39	24	--	5
4	15	39	25	--	5
4	15	39	26	--	5
4	15	39	27	--	5
4	15	39	28	--	5
4	15	39	29	--	5
4	15	39	30	--	5
4	15	39	31	--	5
4	15	39	32	--	5
4	15	39	33	--	5
4	16	39	10	--	5
4	16	39	12	--	5
4	16	39	13	--	5
4	16	39	15	--	5
4	16	39	17	--	5
4	16	39	18	--	5
4	16	39	19	--	5
4	16	39	20	--	5
4	16	39	21	--	5
4	16	39	22	--	5
4	16	39	23	--	5
4	16	39	24	--	5
4	16	39	25	--	5
4	16	39	26	--	5
4	16	39	27	--	5
4	16	39	28	--	5
4	16	39	29	--	5
4	16	39	30	--	5
4	16	39	33	--	5
4	16	39	34	--	5
4	16	39	35	--	5
4	16	39	36	--	5
4	17	39	15	--	5
4	17	39	16	--	5
4	17	39	21	--	5
4	17	39	22	--	5
4	21	39	32	--	4
4	21	39	34	--	4
4	22	39	2	--	4
4	22	39	3	--	4
4	22	39	4	--	4
4	22	39	5	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	22	39	6	--	4
4	22	39	11	--	4
4	22	39	14	--	4
4	22	39	15	--	4
4	22	39	21	--	4
4	22	39	22	--	4
4	22	39	23	--	4
4	22	39	26	--	4
4	22	39	35	--	4
4	22	39	36	--	4
4	23	39	1	--	4
4	23	39	2	--	4
4	23	39	4	--	4
4	26	39	4	--	4
4	26	39	5	--	4
4	26	39	9	--	4
4	26	39	16	--	4
4	26	39	17	--	4
4	26	39	18	--	4
4	26	39	19	--	4
4	26	39	20	--	4
4	26	39	30	--	4
4	27	39	12	--	4
4	27	39	13	--	4
4	27	39	14	--	4
4	27	39	24	--	4
4	3	40	8	--	5
4	3	40	17	--	5
4	3	40	28	--	5
4	3	40	33	--	5
4	6	40	2	--	4
4	6	40	11	--	4
4	6	40	12	--	4
4	6	40	20	8	2
4	10	40	4	--	4
4	10	40	5	--	4
4	10	40	9	--	4
4	10	40	23	--	4
4	10	40	30	--	4
4	13	40	2	--	4
4	13	40	3	--	4
4	13	40	5	--	5
4	13	40	6	--	5
4	13	40	7	--	5
4	13	40	16	--	5
4	13	40	17	--	4
4	13	40	21	--	5
4	14	40	16	--	4
4	14	40	18	--	5
4	14	40	19	--	5
4	14	40	21	--	4
4	14	40	28	--	5
4	14	40	29	--	5
4	14	40	30	--	5
4	15	40	4	--	5
4	15	40	6	--	5
4	15	40	13	--	5
4	15	40	14	--	5
4	15	40	15	--	5
4	15	40	16	--	5
4	15	40	17	--	5
4	15	40	18	--	5
4	15	40	21	--	5
4	15	40	22	--	5
4	15	40	23	--	5
4	15	40	24	--	5
4	15	40	25	--	5
4	15	40	26	--	5
4	15	40	27	--	5
4	15	40	28	--	5
4	15	40	29	--	5
4	15	40	30	--	5
4	15	40	31	--	5
4	15	40	32	--	5
4	16	40	1	--	5
4	16	40	2	--	5
4	16	40	3	--	5
4	16	40	10	--	5
4	16	40	11	--	5
4	16	40	12	--	5
4	16	40	13	--	5
4	16	40	14	--	5
4	16	40	21	--	4
4	16	40	25	--	5
4	16	40	31	--	4
4	16	40	32	--	4
4	16	40	33	--	4
4	16	40	34	--	4
4	16	40	35	--	5
4	16	40	36	--	5
4	17	40	19	--	4
4	17	40	30	--	4
4	17	40	33	--	5
4	20	40	19	--	4
4	20	40	34	--	5
4	20	40	35	--	4
4	20	40	36	--	5
4	21	40	14	--	4
4	22	40	1	--	4
4	22	40	28	2	2

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	26	40	19	15	1
4	26	40	19	9-16	2
4	26	40	30	2	1
4	1	41	28	--	4
4	1	41	32	--	4
4	1	41	33	--	4
4	1	41	34	--	4
4	1	41	35	--	4
4	2	41	2	--	5
4	3	41	2	--	4
4	4	41	19	--	4
4	8	41	27	16	2
4	10	41	1	--	4
4	10	41	34	--	4
4	11	41	17	--	4
4	16	41	2	9, 10, 15, 16	2
4	16	41	2	--	5
4	16	41	3	--	4
4	16	41	4	--	4
4	16	41	5	--	4
4	16	41	6	--	4
4	16	41	7	--	5
4	16	41	8	--	5
4	16	41	9	--	4
4	16	41	10	--	4
4	16	41	11	--	5
4	16	41	16	--	5
4	16	41	17	--	5
4	16	41	18	--	5
4	16	41	19	--	5
4	16	41	21	--	5
4	16	41	22	--	5
4	17	41	1	--	4
4	17	41	4	--	5
4	17	41	9	--	5
4	17	41	10	--	4
4	17	41	11	--	5
4	17	41	12	--	5
4	17	41	13	--	5
4	17	41	16	--	5
4	17	41	17	--	5
4	17	41	18	--	5
4	17	41	19	--	5
4	17	41	24	--	4
4	17	41	25	--	4
4	17	41	26	--	5
4	17	41	27	--	5
4	17	41	28	--	5
4	17	41	29	--	5
4	17	41	30	--	5
4	17	41	31	--	5
4	17	41	34	--	4
4	17	41	35	--	4
4	17	41	36	--	4
4	18	41	13	--	5
4	18	41	24	--	5
4	18	41	25	--	5
4	18	41	26	--	5
4	18	41	32	--	4
4	18	41	33	--	5
4	18	41	34	--	5
4	18	41	35	--	5
4	18	41	36	--	5
4	20	41	1	--	5
4	20	41	2	14, 15	3
4	20	41	2	--	5
4	20	41	10	--	5
4	20	41	11	13-15	1
4	20	41	11	2, 3, 6	3
4	20	41	11	--	5
4	20	41	12	--	4
4	20	41	13	--	5
4	20	41	14	2-4, 6, 7, 9, 10	3
4	20	41	14	--	5
4	20	41	15	--	5
4	20	41	22	--	5
4	20	41	23	--	5
4	20	41	24	--	5
4	21	41	12	--	4
4	22	41	2	--	4
4	22	41	18	--	4
4	22	41	21	--	4
4	22	41	28	--	4
4	23	41	13	--	4
4	1	42	2	--	4
4	1	42	3	--	4
4	3	42	26	--	5
4	3	42	27	--	5
4	3	42	28	--	5
4	3	42	29	--	5
4	3	42	30	--	5
4	3	42	31	--	5
4	3	42	32	--	5
4	3	42	33	--	5
4	3	42	34	--	5
4	3	42	35	--	5
4	3	42	36	--	5
4	4	42	25	--	5
4	4	42	36	--	5
4	6	42	24	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	6	42	26	--	4
4	6	42	28	--	4
4	6	42	29	--	4
4	6	42	31	--	4
4	6	42	32	--	4
4	7	42	20	--	4
4	7	42	35	--	4
4	7	42	36	--	4
4	8	42	29	--	4
4	9	42	30	--	4
4	10	42	35	--	4
4	12	42	13	--	4
4	15	42	2	4	2
4	17	42	2	--	5
4	17	42	3	--	5
4	17	42	4	--	5
4	17	42	5	--	5
4	17	42	6	--	5
4	17	42	7	--	5
4	17	42	8	--	5
4	17	42	9	--	5
4	17	42	10	--	5
4	17	42	11	--	5
4	17	42	14	--	5
4	17	42	15	--	5
4	17	42	16	--	5
4	17	42	17	--	5
4	17	42	18	--	5
4	17	42	20	--	5
4	17	42	21	--	5
4	17	42	22	--	5
4	17	42	23	--	5
4	17	42	27	--	5
4	17	42	28	--	5
4	17	42	29	--	5
4	17	42	31	--	5
4	17	42	32	--	5
4	17	42	33	--	5
4	18	42	1	--	4
4	18	42	4	--	4
4	18	42	5	--	4
4	18	42	6	8	2
4	18	42	7	--	4
4	18	42	8	--	4
4	18	42	12	--	5
4	18	42	13	--	5
4	18	42	18	--	4
4	18	42	19	--	4
4	18	42	36	--	5
4	19	42	13	--	4
4	19	42	24	--	4
4	19	42	25	--	4
4	19	42	26	--	4
4	19	42	34	--	4
4	19	42	35	--	4
4	19	42	36	--	4
4	20	42	1	--	4
4	20	42	3	--	4
4	21	42	4	6	2
4	23	42	19	--	5
4	23	42	20	--	5
4	23	42	30	--	5
4	24	42	25	--	5
4	25	42	29	9, 10, 15, 16	1
4	26	42	27	--	5
4	26	42	34	--	4
4	28	42	25	--	5
4	28	42	26	--	4
4	28	42	35	--	5
4	28	42	36	--	5
4	1	43	8	--	5
4	2	43	7	--	5
4	2	43	18	--	5
4	3	43	2	--	5
4	3	43	3	--	5
4	3	43	4	--	5
4	3	43	5	--	5
4	3	43	6	--	5
4	3	43	7	--	5
4	3	43	8	--	5
4	3	43	9	--	5
4	3	43	10	--	5
4	3	43	11	--	5
4	3	43	12	--	5
4	3	43	13	--	5
4	3	43	14	--	5
4	3	43	15	--	5
4	3	43	16	--	5
4	3	43	17	--	5
4	3	43	18	--	5
4	3	43	19	--	5
4	3	43	20	--	5
4	3	43	21	--	5
4	3	43	22	--	5
4	3	43	23	--	5
4	3	43	26	--	5
4	3	43	27	--	5
4	3	43	28	--	5
4	3	43	29	--	5
4	3	43	30	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	3	43	31	--	5
4	3	43	32	--	5
4	3	43	33	--	5
4	3	43	34	--	5
4	4	43	1	--	5
4	4	43	12	--	5
4	4	43	13	--	5
4	4	43	36	--	5
4	5	43	1	--	4
4	5	43	7	--	4
4	5	43	11	--	4
4	5	43	17	--	4
4	6	43	6	--	4
4	6	43	35	--	4
4	7	43	2	--	4
4	7	43	10	--	4
4	8	43	17	--	4
4	8	43	20	--	4
4	8	43	27	--	4
4	8	43	29	--	4
4	8	43	33	--	4
4	9	43	5	--	5
4	9	43	9	--	4
4	10	43	2	--	4
4	10	43	3	--	4
4	10	43	4	16	3
4	10	43	4	--	5
4	10	43	9	--	5
4	10	43	10	--	5
4	11	43	16	--	4
4	12	43	29	--	4
4	15	43	10	16	2
4	17	43	2	--	5
4	17	43	3	--	5
4	17	43	4	--	5
4	17	43	5	--	5
4	17	43	6	--	5
4	17	43	7	--	5
4	17	43	8	--	5
4	17	43	9	--	5
4	17	43	10	--	5
4	17	43	11	--	5
4	17	43	15	--	5
4	17	43	16	--	5
4	17	43	17	--	5
4	17	43	18	--	5
4	17	43	19	--	5
4	17	43	20	--	5
4	17	43	21	--	5
4	17	43	22	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	18	43	1	--	5
4	18	43	3	--	5
4	18	43	10	--	5
4	18	43	12	--	5
4	18	43	13	--	5
4	18	43	14	--	5
4	18	43	15	--	5
4	18	43	21	--	5
4	18	43	22	--	5
4	18	43	23	--	5
4	18	43	24	--	5
4	18	43	25	--	5
4	18	43	26	--	5
4	18	43	27	--	5
4	18	43	28	--	5
4	18	43	29	--	5
4	18	43	30	--	5
4	18	43	31	--	5
4	18	43	32	--	4
4	18	43	36	--	5
4	19	43	2	--	5
4	19	43	3	--	4
4	19	43	4	--	4
4	19	43	5	13	1
4	19	43	5	--	4
4	19	43	6	--	4
4	19	43	7	--	4
4	19	43	8	--	4
4	19	43	9	--	5
4	19	43	18	--	5
4	20	43	12	--	4
4	20	43	13	--	4
4	20	43	14	--	4
4	20	43	15	--	4
4	20	43	16	--	4
4	20	43	17	--	4
4	20	43	18	--	4
4	20	43	19	--	4
4	20	43	20	--	4
4	20	43	21	--	4
4	20	43	22	--	4
4	20	43	23	--	5
4	25	43	4	11	2
4	26	43	4	--	4
4	26	43	7	4	2
4	27	43	35	--	4
4	27	43	36	--	4
4	1	44	31	--	5
4	2	44	24	--	5
4	2	44	25	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	2	44	36	--	5
4	3	44	3	--	5
4	3	44	4	--	5
4	3	44	5	--	5
4	3	44	6	--	5
4	6	44	31	2-6	3
4	7	44	7	--	4
4	7	44	16	--	4
4	7	44	17	--	4
4	7	44	19	--	4
4	7	44	20	--	4
4	8	44	2	--	4
4	8	44	3	--	4
4	8	44	9	--	4
4	8	44	11	--	4
4	8	44	14	--	4
4	8	44	16	--	4
4	8	44	17	--	4
4	8	44	20	--	4
4	8	44	21	--	4
4	8	44	23	--	4
4	8	44	26	--	4
4	8	44	27	--	4
4	8	44	28	--	4
4	8	44	35	--	4
4	9	44	12	--	4
4	10	44	17	--	4
4	12	44	9	4, 5	2
4	15	44	23	16	2
4	16	44	2	3, 4	2
4	18	44	1	--	5
4	18	44	5	--	5
4	18	44	6	--	4
4	18	44	7	--	5
4	19	44	1	--	5
4	19	44	2	--	5
4	19	44	3	--	5
4	19	44	4	--	5
4	19	44	5	--	5
4	19	44	8	--	5
4	19	44	9	--	5
4	19	44	10	--	5
4	19	44	11	--	5
4	19	44	15	--	5
4	19	44	16	--	5
4	19	44	17	--	5
4	19	44	18	--	5
4	19	44	19	--	5
4	19	44	20	--	5
4	19	44	29	--	5
4	19	44	30	--	5
4	19	44	31	--	5
4	19	44	32	--	5
4	20	44	24	--	5
4	21	44	3	6	2
4	27	44	3	--	4
4	27	44	9	--	4
4	1	45	6	--	5
4	4	45	27	12	2
4	7	45	17	--	5
4	13	45	19	--	5
4	19	45	5	--	5
4	19	45	6	--	5
4	19	45	7	--	5
4	19	45	8	--	5
4	19	45	17	--	4
4	20	45	12	--	5
4	20	45	13	--	5
4	20	45	34	--	5
4	20	45	35	--	5
4	21	45	22	1, 2, 7, 8	2
4	23	45	34	14	2
4	27	45	14	--	5
4	6	46	32	--	5
4	6	46	33	--	5
4	10	46	5	--	5
4	12	46	25	6	1
4	20	46	3	--	5
4	20	46	7	--	5
4	20	46	8	--	5
4	20	46	16	--	5
4	20	46	17	--	5
4	20	46	21	--	4
4	20	46	27	--	5
4	20	46	28	--	5
4	20	46	34	11-14	1
4	21	46	2	15	1
4	21	46	7	--	5
4	21	46	8	--	5
4	21	46	9	--	5
4	21	46	10	--	5
4	21	46	11	--	5
4	21	46	12	--	5
4	21	46	17	--	5
4	21	46	18	--	5
4	22	46	2	2, 3	1
4	22	46	13	--	5
4	22	46	14	--	5
4	22	46	15	--	5
4	22	46	16	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	22	46	17	--	5
4	22	46	18	--	4
4	22	46	19	--	5
4	22	46	20	--	5
4	22	46	21	--	5
4	22	46	22	--	5
4	22	46	23	--	5
4	22	46	25	--	4
4	23	46	16	--	5
4	23	46	17	13	2
4	23	46	21	--	5
4	23	46	22	--	5
4	23	46	23	--	5
4	23	46	24	--	5
4	23	46	26	--	5
4	23	46	27	--	5
4	23	46	28	--	5
4	23	46	29	--	5
4	23	46	30	--	5
4	24	46	14	9	1
4	24	46	14	7, 9	2
4	24	46	15	10, 15	2
4	24	46	22	--	4
4	24	46	27	--	4
4	24	46	28	--	4
4	24	46	32	--	4
4	26	46	23	--	4
4	2	47	6	13	2
4	11	47	10	--	5
4	11	47	29	--	5
4	17	47	2	1	2
4	18	47	6	4	2
4	20	47	2	3-6	1
4	22	47	17	--	4
4	24	47	2	12	1
4	3	48	11	--	4
4	5	48	5	--	4
4	5	48	20	1-3, 7, 8, 11-14	1
4	8	48	6	--	5
4	13	48	35	--	4
4	16	48	10	5	2
4	18	48	30	2	2
4	19	48	24	4	2
4	21	48	32	11	1
4	22	48	14	1, 2, 7, 8	2
4	23	48	18	--	4
4	27	48	4	--	4
4	5	49	31	--	4
4	8	49	13	12	2
4	9	49	2	--	5
4	20	49	6	11-14	2
4	22	49	6	--	4
4	23	49	8	--	4
4	24	49	28	--	4
4	25	49	26	15	2
4	25	49	35	2	1
4	27	49	20	1, 2, 7, 8	2
4	28	49	26	--	4
4	2	50	18	--	4
4	8	50	2	--	5
4	8	50	35	--	5
4	8	50	36	--	5
4	9	50	25	1	2
4	11	50	33	--	5
4	11	50	34	--	5
4	15	50	10	--	4
4	15	50	25	--	4
4	15	50	35	--	4
4	19	50	1	9, 10, 15, 16	2
4	19	50	10	--	4
4	24	50	6	--	4
4	26	50	4	--	4
4	26	50	22	5	1
4	26	50	27	--	4
4	5	51	11	--	4
4	5	51	20	--	5
4	5	51	22	--	5
4	5	51	23	--	5
4	6	51	25	--	4
4	7	51	2	--	4
4	7	51	4	--	4
4	8	51	6	--	5
4	9	51	15	--	5
4	11	51	3	16	1
4	20	51	15	--	4
4	20	51	16	--	4
4	20	51	18	--	4
4	20	51	19	--	4
4	20	51	21	--	4
4	20	51	22	--	4
4	20	51	28	8, 9	2
4	20	51	28	--	4
4	20	51	29	--	4
4	21	51	1	--	4
4	21	51	13	--	4
4	21	51	24	--	4
4	22	51	29	--	4
4	25	51	25	--	4
4	25	51	35	--	4
4	25	51	36	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	26	51	1	--	4
4	4	52	3	--	5
4	4	52	4	--	5
4	4	52	8	--	4
4	5	52	11	--	5
4	9	52	19	16	2
4	9	52	20	13	2
4	14	52	8	--	4
4	15	52	32	--	4
4	22	52	29	--	4
4	23	52	27	12, 13	2
4	23	52	33	--	4
4	24	52	12	--	4
4	24	52	28	3-6, 11-14	1
4	24	52	29	1, 2, 7-10, 15, 16	1
4	24	52	29	3-6, 13	2
4	24	52	29	--	4
4	24	52	30	1, 9-16	1
4	24	52	31	9, 10, 15, 16	1
4	24	52	32	1-3, 9-16	1
4	24	52	32	7, 8	2
4	24	52	32	6	3
4	24	52	32	--	4
4	24	52	33	1, 2, 7, 8	1
4	24	52	33	9, 10, 15, 16	2
4	24	52	33	--	4
4	25	52	10	--	4
4	25	52	12	--	4
4	25	52	14	--	4
4	25	52	15	--	4
4	25	52	19	12	3
4	25	52	25	--	4
4	25	52	36	9, 10, 15, 16	2
4	26	52	15	--	5
4	26	52	36	--	5
4	3	53	25	--	4
4	4	53	9	--	4
4	6	53	2	--	5
4	7	53	10	--	5
4	7	53	15	--	5
4	9	53	26	8	2
4	16	53	36	9	2
4	19	53	7	3-6, 11-14	1
4	23	53	6	--	4
4	23	53	7	--	4
4	23	53	19	--	4
4	23	53	21	--	4
4	23	53	33	--	5
4	23	53	34	--	5
4	24	53	2	--	4
4	24	53	3	1, 2, 7, 8	1
4	24	53	3	--	4
4	24	53	4	1-8, 11-14	1
4	24	53	4	--	4
4	24	53	5	3-6, 9-11, 14-16	1
4	24	53	5	3-6	2
4	24	53	6	3-6, 11-14	1
4	24	53	7	9	1
4	24	53	7	3-6, 11-14	2
4	24	53	10	--	4
4	24	53	11	11-14	1
4	24	53	11	9, 10, 15, 16	2
4	24	53	12	--	4
4	24	53	19	3-6	2
4	24	53	30	5, 12	1
4	25	53	1	1	1
4	25	53	1	8	2
4	25	53	6	3-6, 11-14	2
4	25	53	8	--	4
4	2	54	34	--	4
4	3	54	6	--	4
4	3	54	13	--	5
4	3	54	14	7	1
4	3	54	14	10	3
4	3	54	14	--	5
4	3	54	34	--	4
4	22	54	29	--	4
4	22	54	32	11-14	1
4	22	54	32	--	5
4	23	54	1	--	5
4	23	54	2	--	5
4	23	54	11	--	4
4	25	54	4	11-14	1
4	25	54	4	1-8	2
4	25	54	5	1, 2, 7, 8	2
4	25	54	11	9, 10, 15, 16	1
4	25	54	11	--	4
4	25	54	19	--	4
4	3	55	33	--	4
4	4	55	22	6, 11, 12	1
4	4	55	33	--	4
4	5	55	33	--	4
4	6	55	22	--	4
4	6	55	24	--	4
4	6	55	30	--	4
4	8	55	16	12, 13	1
4	8	55	17	5, 9-12, 16	1
4	8	55	18	9, 10	1
4	10	55	30	--	5
4	12	55	33	--	4

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	12	55	34	--	4
4	13	55	22	13, 14	1
4	13	55	27	3	1
4	21	55	4	4	2
4	21	55	29	--	4
4	21	55	32	--	4
4	22	55	6	1	1
4	22	55	9	8, 9	3
4	22	55	9	--	5
4	22	55	10	5, 12	3
4	22	55	10	--	5
4	22	55	15	--	4
4	22	55	22	--	4
4	22	55	23	--	4
4	22	55	25	--	4
4	22	55	26	--	4
4	23	55	32	3-6	2
4	25	55	33	16	1
4	2	56	19	--	4
4	2	56	26	--	4
4	2	56	34	--	4
4	2	56	36	--	4
4	3	56	6	--	4
4	3	56	10	10-16	1
4	3	56	10	--	4
4	3	56	13	--	4
4	3	56	14	--	4
4	3	56	15	--	4
4	3	56	16	3, 4	1
4	3	56	16	--	4
4	3	56	17	1-4	1
4	3	56	21	--	4
4	3	56	22	--	4
4	3	56	23	--	4
4	3	56	24	--	4
4	3	56	27	--	4
4	4	56	1	--	4
4	4	56	17	--	4
4	5	56	4	--	4
4	5	56	19	3-6, 11-14	3
4	5	56	19	--	4
4	5	56	23	--	4
4	5	56	25	--	4
4	5	56	30	3-6	3
4	5	56	30	--	5
4	6	56	11	--	4
4	6	56	18	--	4
4	6	56	23	--	5
4	6	56	24	9-16	1
4	6	56	24	--	5
4	6	56	25	1-10, 15, 16	1
4	6	56	25	--	4
4	6	56	26	1-8	3
4	6	56	26	--	4
4	6	56	27	--	5
4	6	56	28	--	5
4	6	56	33	--	5
4	6	56	34	--	5
4	6	56	35	--	5
4	6	56	36	--	5
4	7	56	25	3-6	3
4	11	56	10	--	4
4	13	56	3	--	4
4	14	56	10	13	1
4	16	56	32	1, 2	1
4	19	56	27	1	2
4	20	56	5	1	2
4	20	56	31	--	4
4	21	56	17	--	4
4	21	56	18	--	4
4	21	56	21	--	4
4	21	56	26	--	4
4	21	56	28	--	4
4	22	56	1	--	4
4	27	56	19	--	4
4	2	57	12	--	4
4	3	57	28	--	4
4	4	57	21	--	4
4	7	57	1	--	5
4	15	57	27	4	2
4	17	57	33	--	4
4	18	57	36	--	4
4	19	57	31	--	4
4	20	57	5	--	4
4	20	57	9	--	4
4	20	57	14	--	4
4	20	57	34	16	2
4	21	57	1	--	4
4	21	57	2	--	4
4	5	58	10	--	4
4	9	58	4	13	1
4	11	58	10	--	5
4	15	58	27	9	1
4	15	58	32	3-6	2
4	15	58	36	--	4
4	16	58	19	--	5
4	16	58	34	--	4
4	16	58	35	5, 11, 12, 14	1
4	16	58	35	--	5
4	16	58	36	--	5

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	17	58	11	9	3
4	17	58	12	13, 14	1
4	17	58	12	3-6, 12	3
4	17	58	13	2, 3, 6, 7	1
4	17	58	13	--	4
4	17	58	24	--	5
4	19	58	35	3-6	2
4	20	58	4	--	4
4	20	58	36	11	1
4	23	58	30	3	2
4	27	58	36	3-6	2
4	13	59	20	12	2
4	15	59	6	--	5
4	16	59	1	--	5
4	16	59	2	--	5
4	16	59	8	--	4
4	16	59	30	--	4
4	17	59	4	--	4
4	17	59	21	8	2
4	17	59	23	--	4
4	22	59	1	8	2
4	24	59	23	--	4
4	24	59	24	--	4
4	24	59	26	--	4
4	3	60	1	--	4
4	3	60	4	--	4
4	3	60	24	--	4
4	4	60	19	--	5
4	7	60	21	--	5
4	7	60	29	--	4
4	8	60	12	9, 10	2
4	11	60	2	--	4
4	16	60	6	--	4
4	16	60	7	--	4
4	6	61	6	--	4
4	7	61	9	--	4
4	7	61	11	--	4
4	7	61	12	--	4
4	7	61	16	--	4
4	12	61	13	--	4
4	20	61	32	16	1
4	24	61	11	1, 2, 7, 8	3
4	24	61	13	--	4
4	24	61	14	--	4
4	24	61	24	--	4
4	18	62	6	--	5
4	1	63	11	--	4
4	1	63	19	--	4
4	1	63	20	--	4
4	1	63	29	--	4
4	3	63	16	--	4
4	7	63	18	--	4
4	10	63	9	--	4
4	19	63	2	--	4
4	2	64	21	--	4
4	2	64	34	--	4
4	3	64	10	--	5
4	3	64	11	--	5
4	3	64	12	--	5
4	3	64	13	--	5
4	3	64	14	--	5
4	3	64	15	--	5
4	3	64	17	--	4
4	3	64	22	--	4
4	3	64	23	1	3
4	3	64	24	--	5
4	4	64	14	--	4
4	4	64	17	--	4
4	5	64	14	--	4
4	5	64	24	--	4
4	10	64	15	--	4
4	10	64	22	--	4
4	10	64	24	--	4
4	10	64	25	--	4
4	15	64	5	4	2
4	2	65	2	--	4
4	2	65	7	--	4
4	3	65	1	--	4
4	3	65	14	--	4
4	3	65	15	--	4
4	3	65	27	--	4
4	4	65	19	--	4
4	4	65	28	--	4
4	4	65	33	--	4
4	9	65	18	--	4
4	10	65	29	--	4
4	10	65	35	--	4
4	11	65	17	--	4
4	12	65	13	--	4
4	12	65	25	--	4
4	12	65	36	--	5
4	13	65	32	--	5
4	22	65	31	4	2
4	4	66	5	--	4
4	5	66	22	--	4
4	7	66	22	--	5
4	12	66	4	--	4
4	12	66	5	--	4
4	12	66	6	--	4
4	12	66	7	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	12	66	8	--	4
4	12	66	17	--	4
4	12	66	18	--	4
4	13	66	6	--	4
4	13	66	7	--	5
4	13	66	14	--	4
4	13	66	18	--	5
4	13	66	19	--	5
4	13	66	20	--	4
4	13	66	21	--	5
4	13	66	22	--	5
4	13	66	23	--	5
4	13	66	24	--	5
4	13	66	25	--	5
4	13	66	26	--	5
4	13	66	27	--	5
4	13	66	28	--	5
4	13	66	29	--	5
4	13	66	30	--	5
4	13	66	31	--	5
4	13	66	32	--	4
4	13	66	33	--	4
4	13	66	34	--	5
4	13	66	35	--	5
4	13	66	36	--	5
4	14	66	1	--	4
4	14	66	12	--	5
4	14	66	13	9, 10, 15, 16	1
4	14	66	13	--	5
4	14	66	14	--	5
4	14	66	15	--	5
4	14	66	21	--	5
4	14	66	22	--	5
4	14	66	23	16	1
4	14	66	23	--	5
4	14	66	24	1, 8-10, 13-16	1
4	14	66	24	--	5
4	14	66	25	1-8, 11-14	1
4	14	66	25	--	5
4	14	66	26	1-16	1
4	14	66	27	--	5
4	14	66	28	--	5
4	14	66	31	--	5
4	14	66	32	--	5
4	14	66	33	--	5
4	14	66	34	--	5
4	14	66	35	1, 2, 7, 8	1
4	14	66	35	--	5
4	14	66	36	4, 5	1
4	14	66	36	--	5
4	20	66	23	5	1
4	22	66	16	13	1
4	22	66	20	1	2
4	22	66	21	4	1
4	22	66	29	--	5
4	23	66	1	--	4
4	3	67	3	--	4
4	3	67	30	--	4
4	5	67	9	--	4
4	9	67	30	--	4
4	10	67	18	--	4
4	10	67	19	--	4
4	11	67	4	--	4
4	11	67	5	--	4
4	11	67	13	--	4
4	12	67	5	--	5
4	12	67	6	--	4
4	12	67	7	--	4
4	12	67	8	--	5
4	12	67	17	--	5
4	12	67	18	--	5
4	12	67	19	--	5
4	12	67	30	--	5
4	13	67	1	--	5
4	13	67	2	--	4
4	13	67	3	--	5
4	13	67	4	--	5
4	13	67	5	--	5
4	13	67	6	15	1
4	13	67	6	--	4
4	13	67	7	--	4
4	13	67	8	--	5
4	13	67	9	--	5
4	13	67	10	--	5
4	13	67	11	--	5
4	13	67	12	--	4
4	13	67	13	--	4
4	13	67	14	--	5
4	13	67	15	--	5
4	13	67	16	--	4
4	13	67	17	--	4
4	13	67	21	--	4
4	13	67	22	--	5
4	13	67	23	--	5
4	13	67	24	--	4
4	13	67	25	--	5
4	13	67	26	--	4
4	13	67	27	--	5
4	13	67	28	--	4
4	13	67	29	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	13	67	30	--	4
4	13	67	31	--	4
4	13	67	34	--	5
4	13	67	35	--	5
4	14	67	1	--	4
4	14	67	2	--	5
4	14	67	3	--	5
4	14	67	4	--	5
4	14	67	5	--	5
4	14	67	8	--	5
4	14	67	9	--	5
4	14	67	10	--	5
4	14	67	11	--	5
4	14	67	12	--	5
4	14	67	13	--	5
4	14	67	14	--	4
4	14	67	15	--	5
4	14	67	16	--	5
4	14	67	17	--	5
4	14	67	19	--	5
4	14	67	20	7, 16	1
4	14	67	20	--	5
4	14	67	21	--	5
4	14	67	22	--	4
4	14	67	23	--	5
4	14	67	24	--	5
4	14	67	25	--	4
4	14	67	26	--	4
4	14	67	27	--	5
4	14	67	28	--	4
4	14	67	29	1, 6, 8, 11	1
4	14	67	29	--	4
4	14	67	30	--	4
4	14	67	31	--	5
4	14	67	32	--	5
4	14	67	33	--	4
4	14	67	34	--	4
4	14	67	35	--	5
4	14	67	36	--	5
4	15	67	23	--	5
4	15	67	24	--	5
4	15	67	25	--	5
4	15	67	26	--	5
4	15	67	27	--	5
4	15	67	33	--	5
4	15	67	34	--	5
4	15	67	35	--	5
4	3	68	21	--	4
4	3	68	29	--	4
4	5	68	3	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	12	68	19	--	4
4	13	68	2	--	5
4	13	68	3	--	4
4	13	68	4	--	4
4	13	68	5	--	4
4	13	68	6	--	5
4	13	68	7	--	4
4	13	68	8	--	5
4	13	68	9	--	4
4	13	68	10	--	5
4	13	68	11	--	5
4	13	68	13	--	5
4	13	68	14	--	5
4	13	68	15	--	4
4	13	68	16	--	4
4	13	68	17	--	5
4	13	68	19	--	5
4	13	68	20	--	5
4	13	68	21	--	4
4	13	68	22	--	4
4	13	68	23	--	5
4	13	68	24	--	5
4	13	68	25	--	5
4	13	68	26	--	5
4	13	68	27	--	5
4	13	68	28	--	4
4	13	68	29	--	4
4	13	68	30	--	4
4	13	68	36	--	5
4	14	68	3	--	4
4	14	68	4	--	4
4	14	68	8	--	5
4	14	68	9	--	4
4	14	68	12	--	5
4	14	68	14	--	5
4	14	68	15	--	5
4	14	68	16	--	5
4	14	68	17	--	5
4	14	68	19	--	5
4	14	68	20	--	5
4	14	68	21	--	5
4	14	68	22	--	5
4	14	68	23	--	4
4	14	68	24	--	4
4	14	68	25	--	5
4	14	68	26	--	5
4	14	68	27	--	5
4	14	68	28	--	5
4	14	68	29	--	5
4	14	68	30	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	14	68	31	--	5
4	14	68	32	--	5
4	14	68	33	--	5
4	15	68	3	--	5
4	15	68	4	--	4
4	15	68	5	--	5
4	15	68	6	--	5
4	15	68	7	--	4
4	15	68	8	--	5
4	15	68	9	--	4
4	15	68	17	--	5
4	15	68	18	--	5
4	15	68	30	--	5
4	15	68	31	--	5
4	15	68	33	--	5
4	15	68	34	--	5
4	15	68	35	--	5
4	15	68	36	--	5
4	16	68	1	--	5
4	16	68	2	--	5
4	16	68	3	--	5
4	16	68	10	--	5
4	16	68	11	--	5
4	16	68	12	--	5
4	16	68	13	--	5
4	16	68	14	--	5
4	16	68	15	--	5
4	16	68	24	--	4
4	16	68	25	--	4
4	16	68	36	--	5
4	18	68	12	--	4
4	22	68	15	--	4
4	14	69	5	--	5
4	14	69	6	--	5
4	15	69	1	--	5
4	15	69	2	--	5
4	15	69	3	--	5
4	15	69	4	--	5
4	15	69	5	--	5
4	15	69	6	--	5
4	15	69	8	--	5
4	15	69	17	--	5
4	15	69	20	--	5
4	4	70	8	--	5
4	4	70	15	--	4
4	4	70	27	--	4
4	10	70	7	--	4
4	11	70	1	--	4
4	19	70	30	--	4
4	19	70	31	--	4
4	19	70	32	--	4
4	4	71	24	--	4
4	21	71	30	--	4
4	21	71	32	--	4
4	22	71	25	--	4
4	23	71	6	--	4
4	6	72	1	--	4
4	21	72	5	--	4
4	21	72	8	--	4
4	21	72	17	--	4
4	22	72	36	--	4
4	2	73	19	--	4
4	17	73	12	--	4
4	22	73	1	--	4
4	23	73	2	--	4
4	26	73	12	--	4
4	4	74	33	--	4
4	11	74	34	--	4
4	12	74	12	--	4
4	8	75	33	--	4
4	10	75	7	--	4
4	10	75	8	--	4
4	10	75	9	--	4
4	11	75	13	--	4
4	22	75	10	--	4
4	7	76	31	--	4
4	8	76	33	--	4
4	8	76	36	--	4
4	14	77	5	--	5
4	14	77	25	--	4
4	15	77	1	--	4
4	7	78	17	--	4
4	14	78	33	--	4
4	6	79	16	--	4
4	6	79	17	--	4
4	22	79	19	--	4
4	4	80	24	--	4
4	5	80	16	--	4
4	6	80	5	--	4
4	13	80	19	--	4
4	23	80	6	--	5
4	23	80	7	--	5
4	24	80	1	--	5
4	24	80	2	--	5
4	24	80	3	--	5
4	24	80	4	--	5
4	24	80	8	--	5
4	24	80	9	--	5
4	24	80	12	--	5
4	24	80	17	--	5

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	24	80	18	--	5
4	25	80	14	--	4
4	25	80	31	--	4
4	5	81	8	--	4
4	6	82	27	--	4
4	12	82	23	--	4
4	25	82	28	--	4
4	6	83	16	--	4
4	6	83	24	--	4
4	6	83	26	--	4
4	16	83	18	--	4
4	16	83	30	--	4
4	25	83	13	--	5
4	1	84	13	--	4
4	3	84	6	--	4
4	6	84	15	--	4
4	8	84	29	--	4
4	9	84	31	--	4
4	9	84	32	--	4
4	15	84	24	--	4
4	17	84	33	1-16	3
4	17	84	34	1-16	3
4	2	85	25	--	4
4	2	85	26	--	4
4	2	85	27	--	4
4	2	85	31	--	4
4	2	85	34	--	4
4	2	85	36	--	4
4	6	85	19	--	4
4	7	85	1	--	4
4	7	85	27	--	4
4	7	85	36	--	4
4	8	85	16	--	4
4	8	85	17	--	4
4	8	85	35	--	4
4	9	85	2	--	4
4	17	85	4	--	5
4	2	86	2	--	4
4	2	86	3	--	4
4	2	86	10	--	4
4	6	86	5	--	4
4	7	86	8	--	4
4	7	86	9	--	4
4	7	86	16	--	4
4	7	86	23	--	4
4	8	86	10	--	4
4	8	86	24	--	4
4	8	86	27	--	4
4	9	86	4	--	4
4	7	87	9	--	4
4	7	87	11	--	4
4	7	87	33	--	4
4	20	87	4	--	4
4	4	88	12	--	4
4	6	88	30	--	4
4	7	88	8	--	4
4	7	88	22	--	4
4	7	88	23	--	4
4	7	88	26	--	4
4	7	88	28	--	4
4	8	88	19	--	4
4	8	88	31	--	4
4	8	88	32	--	4
4	8	88	33	--	4
4	8	88	36	--	4
4	9	88	27	9-16	1
4	12	88	36	--	4
4	1	89	8	--	4
4	2	89	7	--	4
4	2	89	10	--	4
4	2	89	14	--	4
4	3	89	16	--	4
4	3	89	21	--	4
4	4	89	25	--	4
4	9	89	4	--	4
4	9	89	8	--	4
4	9	89	9	--	4
4	9	89	10	--	4
4	9	89	11	--	4
4	9	89	14	--	4
4	9	89	17	--	4
4	9	89	20	8	3
4	9	89	21	15, 16	3
4	9	89	21	--	4
4	9	89	28	2, 6, 7	3
4	9	89	28	--	4
4	9	90	6	--	4
4	9	90	8	--	4
4	9	90	20	--	4
4	12	90	11	--	4
4	23	90	3	--	5
4	23	90	4	--	5
4	9	91	10	--	4
4	9	91	20	--	4
4	10	91	25	--	4
4	9	92	6	--	4
4	9	92	7	--	4
4	9	92	19	--	4
4	10	92	26	--	4
4	10	93	2	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	10	93	6	--	4
4	10	93	15	--	4
4	10	93	21	--	4
4	10	93	22	--	4
4	10	93	27	--	4
4	10	93	28	--	4
4	10	93	29	--	4
4	10	93	31	--	4
4	10	93	32	--	4
4	10	93	33	--	4
4	11	93	35	--	4
4	11	93	36	15, 16	1
4	11	93	36	--	4
4	6	94	9	--	4
4	10	94	4	--	4
4	10	94	5	--	4
4	10	94	6	--	4
4	10	94	7	--	4
4	10	94	8	--	4
4	10	94	17	--	4
4	10	94	18	--	4
4	10	94	24	--	4
4	10	94	29	--	4
4	10	94	30	--	4
4	10	94	31	--	4
4	10	94	32	--	4
4	10	94	33	--	4
4	11	94	1	1, 2	1
4	11	94	1	--	4
4	11	94	13	--	4
4	11	94	15	--	4
4	11	94	23	--	4
4	11	94	24	--	4
4	11	94	25	--	4
4	11	94	35	--	4
4	11	94	36	--	4
4	15	94	35	--	4
4	8	95	28	--	4
4	8	95	32	--	4
4	9	95	1	--	4
4	9	95	9	--	4
4	9	95	16	--	4
4	9	95	17	--	4
4	10	95	2	--	4
4	10	95	3	--	4
4	10	95	4	--	4
4	10	95	5	--	4
4	10	95	6	--	4
4	10	95	7	9	1
4	10	95	8	10-15	1
4	10	95	8	--	4
4	10	95	9	--	4
4	10	95	10	--	4
4	10	95	15	--	4
4	10	95	17	2-7, 10-15	1
4	10	95	17	--	4
4	10	95	18	9, 10, 13-16	1
4	10	95	18	--	5
4	10	95	19	1	3
4	10	95	19	--	5
4	10	95	20	4	3
4	10	95	20	--	4
4	10	95	24	--	4
4	10	95	25	--	4
4	10	95	27	--	4
4	10	95	28	--	4
4	10	95	29	--	4
4	10	95	32	--	4
4	10	95	33	--	4
4	11	95	1	--	4
4	11	95	2	--	4
4	11	95	24	--	4
4	11	95	35	--	4
4	11	95	36	--	4
4	10	96	1	--	4
4	10	96	2	--	4
4	10	96	3	--	4
4	10	96	20	--	4
4	10	96	21	--	4
4	10	96	22	--	4
4	10	96	24	--	4
4	10	96	26	--	4
4	10	96	27	--	4
4	10	96	28	--	4
4	10	96	29	--	4
4	10	96	31	--	4
4	10	96	32	--	4
4	10	96	34	--	4
4	10	96	36	--	4
4	11	96	1	--	4
4	11	96	2	--	4
4	11	96	3	--	4
4	11	96	15	--	4
4	11	96	20	--	4
4	11	96	25	--	4
4	11	96	32	--	4
4	11	96	36	--	4
4	9	97	30	--	4
4	10	97	6	--	4
4	10	97	7	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	10	97	15	--	4
4	10	97	16	--	4
4	10	97	17	--	4
4	10	97	18	--	4
4	10	97	19	--	4
4	10	97	20	--	4
4	10	97	22	--	4
4	10	97	26	--	4
4	10	97	28	--	4
4	10	97	29	--	4
4	10	97	30	--	4
4	10	97	31	--	4
4	10	97	32	--	4
4	10	97	33	--	4
4	10	97	35	--	4
4	11	97	1	2, 3, 6, 7, 10, 11	1
4	11	97	1	--	4
4	11	97	8	--	4
4	11	97	10	--	4
4	11	97	12	15	3
4	11	97	12	--	4
4	11	97	13	1, 2, 7, 8, 10, 15	3
4	11	97	13	--	4
4	11	97	17	--	4
4	11	97	24	--	4
4	11	97	25	--	4
4	11	97	27	--	4
4	17	97	24	--	4
4	18	97	29	--	4
4	19	97	11	--	4
4	11	98	2	--	4
4	11	98	12	--	4
4	16	98	2	--	4
4	16	98	10	--	4
4	16	98	14	13	3
4	16	98	14	--	4
4	16	98	15	9-16	3
4	16	98	15	--	4
4	16	98	22	--	5
4	16	98	27	--	5
4	16	98	34	--	5
4	24	98	7	--	4
4	2	99	7	--	4
4	2	99	36	--	4
4	7	99	4	--	5
4	15	99	5	--	4
4	15	99	7	--	4
4	15	99	18	--	4
4	15	99	19	--	4
4	15	99	32	--	4
4	15	99	34	--	4
4	16	99	12	--	4
4	16	99	13	--	4
4	16	99	22	--	4
4	16	99	23	--	4
4	16	99	25	--	4
4	16	99	32	--	4
4	16	99	33	--	4
4	12	100	24	--	4
4	13	100	16	--	4
4	13	100	21	--	4
4	13	100	22	--	4
4	13	100	31	--	5
4	13	100	32	--	5
4	14	100	7	--	4
4	15	100	2	--	4
4	13	101	5	--	4
4	13	101	6	--	4
4	13	101	7	--	4
4	13	101	19	--	4
4	13	101	30	--	4
4	14	101	1	--	4
4	14	101	2	--	5
4	14	101	10	--	5
4	14	101	11	--	4
4	14	101	12	2	1
4	14	101	12	--	4
4	14	101	13	--	5
4	14	101	14	--	4
4	14	101	15	--	5
4	6	102	31	--	4
4	13	102	20	--	4
4	20	102	17	--	4
4	9	103	3	--	4
4	9	104	12	--	4
4	9	104	13	--	4
4	9	104	23	--	4
4	9	104	35	--	4
4	9	106	14	--	4
4	2	107	21	--	4
4	6	108	20	--	4
4	6	108	34	--	4
4	10	108	13	--	4
4	10	108	26	--	4
4	10	108	36	--	4
4	6	109	2	--	4
4	6	109	13	--	4
4	6	109	16	--	4
4	7	109	8	--	4
4	7	109	13	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
4	7	109	26	--	4
4	7	109	35	--	4
4	8	109	5	--	4
4	8	109	6	--	4
4	8	109	7	--	4
4	9	109	10	--	4
4	9	109	20	--	4
4	9	109	24	--	4
4	5	110	13	--	5
4	5	110	14	--	5
4	5	110	33	--	4
4	6	110	22	--	4
4	7	110	11	--	4
4	7	110	13	--	4
4	4	111	16	10, 14	3
4	4	111	16	--	4
4	4	111	20	--	4
4	4	111	21	6, 7	3
4	4	111	21	--	4
4	4	111	22	--	5
4	6	111	2	--	4
4	6	111	23	--	4
4	7	112	5	1-8	3
4	7	112	6	1, 2, 7, 8	3
4	7	112	7	10, 11	1
4	7	112	7	3	3
4	7	112	7	--	4
4	7	112	8	11	1
4	7	112	8	12	2
4	7	112	8	--	4
4	7	112	11	--	4
4	7	112	17	--	4
4	7	112	18	--	5
4	8	112	1	16	3
4	8	112	12	--	5
4	8	112	13	--	5
4	23	112	6	--	5
4	23	112	7	--	5
4	4	113	6	--	4
4	4	113	20	--	4
4	5	113	19	--	4
4	5	113	31	--	4
4	8	113	4	--	4
4	8	113	9	--	4
4	7	114	19	--	4
4	8	114	12	--	4
4	8	114	13	--	4
4	8	115	5	--	4
4	3	116	27	--	4
4	3	116	31	--	4
4	3	116	33	--	4
4	3	116	36	--	4
4	13	116	33	--	4
4	14	116	34	--	4
4	14	116	35	--	4
4	15	116	3	--	4
4	15	116	4	--	4
4	15	116	14	1-16	3
4	15	116	27	--	4
4	15	116	35	6, 13	3
4	17	116	19	--	4
4	18	116	24	--	4
4	2	117	7	--	4
4	3	117	1	--	4
4	3	117	6	--	4
4	13	117	4	--	4
4	15	117	9	--	4
4	15	117	17	--	4
4	15	117	19	--	4
4	16	117	16	--	4
4	16	117	21	--	4
4	16	117	24	--	4
4	16	117	29	--	4
4	1	118	6	--	4
4	1	118	18	--	4
4	1	118	21	--	4
4	8	118	29	--	4
4	9	118	1	--	4
4	9	118	29	--	4
4	8	119	33	--	4
4	9	119	3	--	4
4	9	119	9	--	4
4	9	119	15	--	4
4	9	119	21	--	4
4	9	119	33	--	4
4	6	120	31	--	4
4	9	120	3	--	4
4	14	120	5	--	4
4	14	120	6	--	4
4	14	120	21	--	4
4	14	120	28	--	4
4	7	121	2	--	4
4	7	121	4	--	4
4	7	121	5	--	4
4	7	121	14	--	4
4	9	121	15	--	5
4	9	121	22	--	5
4	9	122	11	--	4
4	9	122	12	--	4
4	9	122	14	--	4

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
4	9	122	24	--	4
4	9	123	1	--	4
4	9	123	3	--	4
4	9	123	10	--	4
4	9	123	29	--	4
4	9	123	32	--	4
4	7	124	4	--	4
4	9	124	9	--	4
4	6	125	31	--	4
4	7	125	1	--	4
4	9	125	12	--	4
4	9	125	13	--	4
4	9	125	19	--	4
4	9	125	21	--	4
4	9	125	30	--	4
4	10	125	12	--	4
4	10	125	13	--	4
4	10	125	14	--	4
4	10	125	22	--	4
4	10	125	23	--	4
4	10	125	25	--	4
4	6	126	7	--	4
4	10	126	18	--	5
4	10	126	21	--	4
4	10	126	28	--	4
4	11	126	13	--	4
4	11	126	14	--	4
4	11	126	23	--	4
4	11	126	33	--	4

W5M

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
5	1	3	19	--	4
5	1	3	20	--	4
5	1	4	18	12	3
5	1	4	18	--	5
5	1	4	23	--	4
5	1	5	7	--	4
5	1	5	29	--	4
5	1	5	30	--	4
5	2	5	12	--	4
5	2	5	13	--	4
5	2	5	14	--	4
5	2	5	15	--	4
5	2	5	16	--	4
5	2	5	17	--	4
5	2	5	18	--	4
5	2	5	19	--	4
5	2	5	20	--	4
5	2	5	21	--	4
5	2	5	22	--	4
5	2	5	23	--	4
5	2	5	24	--	4
5	2	5	25	--	4
5	2	5	26	--	4
5	2	5	26	--	4
5	2	5	30	--	5
5	2	5	33	--	4
5	1	6	34	--	4
5	1	6	35	--	4
5	2	6	7	--	4
5	2	6	10	--	4
5	2	6	28	--	4
5	2	6	32	--	4
5	3	6	5	--	5
5	3	6	7	--	4
5	3	6	8	--	4
5	3	6	12	--	4
5	3	6	15	--	4
5	3	6	17	--	5
5	3	6	30	2, 3, 6, 7, 10, 11, 14, 15	3
5	3	6	31	10, 14, 15	3
5	4	6	1	--	4
5	4	6	12	--	4
5	4	6	15	--	4
5	4	6	21	--	4
5	1	7	1	--	4
5	1	7	2	--	4
5	1	7	3	--	4
5	1	7	11	--	4
5	1	7	12	--	4
5	1	7	13	--	4
5	1	7	14	--	4
5	1	7	17	--	4
5	1	7	24	--	4
5	1	7	25	--	4
5	1	7	26	--	4
5	1	7	27	13-16	3
5	1	7	27	--	4
5	1	7	28	16	3
5	1	7	28	--	4
5	1	7	29	--	4
5	1	7	30	--	4
5	1	7	31	9, 10	1
5	1	7	31	--	4
5	1	7	32	--	4
5	1	7	33	1	1
5	1	7	33	--	4
5	1	7	34	1-4	3
5	1	7	34	--	4
5	1	7	35	--	4
5	1	7	36	--	4
5	2	7	4	--	4
5	2	7	7	--	4
5	2	7	8	--	4
5	2	7	12	--	4
5	2	7	16	--	4
5	2	7	17	12, 13	3
5	2	7	17	--	4
5	2	7	18	--	4
5	2	7	19	--	4
5	2	7	20	--	4
5	2	7	21	--	4
5	2	7	25	--	4
5	2	7	26	8	3
5	2	7	26	--	4
5	2	7	27	--	4
5	2	7	28	--	4
5	2	7	29	--	4
5	2	7	30	--	4
5	2	7	31	--	4
5	2	7	32	--	5
5	2	7	33	--	5
5	2	7	34	--	4
5	2	7	35	--	4
5	2	7	36	--	4
5	3	7	4	--	4
5	3	7	6	11	3
5	3	7	8	--	4
5	3	7	9	--	4
5	3	7	10	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	3	7	11	--	4
5	3	7	12	--	4
5	3	7	13	--	4
5	3	7	14	--	4
5	3	7	15	2, 7, 8	1
5	3	7	15	--	4
5	3	7	16	13	3
5	3	7	16	--	4
5	3	7	17	1-16	3
5	3	7	18	16	3
5	3	7	18	--	4
5	3	7	19	12-14	1
5	3	7	20	5, 12	1
5	3	7	20	15	2
5	3	7	20	1-16	3
5	3	7	21	4	3
5	3	7	21	--	4
5	3	7	22	--	5
5	3	7	23	--	5
5	3	7	24	--	4
5	3	7	25	--	4
5	3	7	26	--	5
5	3	7	27	--	5
5	3	7	28	--	5
5	3	7	29	4-6, 11-15	1
5	3	7	29	--	4
5	3	7	30	3-11, 13-15	1
5	3	7	30	12	3
5	3	7	30	--	5
5	3	7	31	3, 4, 6	1
5	3	7	31	--	4
5	3	7	32	3	1
5	3	7	32	15	3
5	3	7	32	--	4
5	3	7	33	--	4
5	3	7	34	--	5
5	3	7	35	--	4
5	3	7	36	--	5
5	4	7	13	1-16	3
5	4	7	21	4	3
5	4	7	23	1-16	3
5	4	7	24	9-11, 14-16	1
5	4	7	25	1-3, 6-8	1
5	4	7	28	--	4
5	4	7	32	--	4
5	4	7	33	1-16	3
5	4	7	34	1-16	3
5	4	7	35	9	1
5	4	7	35	14	2
5	4	7	35	1-8,10-13,15,16	3
5	4	7	36	1	3
5	4	7	36	--	4
5	5	7	23	--	4
5	5	7	34	--	4
5	6	7	13	--	4
5	6	7	14	--	4
5	6	7	16	--	4
5	6	7	23	--	4
5	6	7	24	--	4
5	6	7	26	--	4
5	1	8	1	--	5
5	1	8	2	--	4
5	1	8	3	--	4
5	1	8	4	--	5
5	1	8	5	--	5
5	1	8	6	--	4
5	1	8	7	--	4
5	1	8	8	--	5
5	1	8	9	--	4
5	1	8	10	--	4
5	1	8	11	--	5
5	1	8	12	--	5
5	1	8	13	--	5
5	1	8	14	--	5
5	1	8	15	--	4
5	1	8	16	--	4
5	1	8	17	--	5
5	1	8	18	--	5
5	1	8	19	--	5
5	1	8	20	--	4
5	1	8	21	--	4
5	1	8	22	--	4
5	1	8	23	--	4
5	1	8	24	--	5
5	1	8	25	--	5
5	1	8	26	--	5
5	1	8	27	--	5
5	1	8	28	--	4
5	1	8	29	--	4
5	1	8	30	--	5
5	1	8	31	--	5
5	1	8	32	--	5
5	1	8	33	--	5
5	1	8	34	--	5
5	1	8	35	--	5
5	1	8	36	--	5
5	2	8	1	--	5
5	2	8	2	--	5
5	2	8	3	--	5
5	2	8	4	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	2	8	5	--	5
5	2	8	6	--	5
5	2	8	7	--	5
5	2	8	8	--	5
5	2	8	9	--	5
5	2	8	10	--	5
5	2	8	11	--	5
5	2	8	12	--	5
5	2	8	13	--	5
5	2	8	14	--	5
5	2	8	15	--	5
5	2	8	16	--	5
5	2	8	17	--	5
5	2	8	18	--	5
5	2	8	19	--	5
5	2	8	20	--	5
5	2	8	21	--	5
5	2	8	22	--	4
5	2	8	23	--	4
5	2	8	24	--	5
5	2	8	25	--	5
5	2	8	26	--	5
5	2	8	27	--	5
5	2	8	28	--	5
5	2	8	29	--	5
5	2	8	30	--	5
5	2	8	31	--	4
5	2	8	32	--	4
5	2	8	33	--	5
5	2	8	34	--	4
5	2	8	35	--	4
5	2	8	36	--	5
5	3	8	1	--	4
5	3	8	2	--	4
5	3	8	3	--	4
5	3	8	4	5-7	3
5	3	8	4	--	4
5	3	8	5	3-6, 11-14	3
5	3	8	5	--	4
5	3	8	6	1, 2, 7-10, 15, 16	3
5	3	8	6	--	4
5	3	8	7	1, 2, 7-10, 15, 16	3
5	3	8	7	--	4
5	3	8	8	3-6, 11-14	3
5	3	8	8	--	4
5	3	8	9	--	4
5	3	8	10	--	4
5	3	8	11	--	5
5	3	8	12	--	5
5	3	8	13	--	4
5	3	8	14	--	4
5	3	8	15	--	5
5	3	8	16	--	5
5	3	8	17	3-6, 11-14	3
5	3	8	17	--	4
5	3	8	18	9-16	1
5	3	8	18	1-8	3
5	3	8	18	--	4
5	3	8	19	3-6, 11-14	3
5	3	8	19	--	4
5	3	8	20	--	4
5	3	8	21	--	5
5	3	8	22	--	5
5	3	8	23	--	5
5	3	8	24	--	4
5	3	8	25	--	5
5	3	8	26	--	5
5	3	8	27	--	5
5	3	8	28	--	5
5	3	8	29	--	4
5	3	8	30	--	4
5	3	8	31	--	4
5	3	8	32	--	5
5	3	8	33	--	5
5	3	8	34	--	5
5	3	8	35	--	5
5	3	8	36	--	5
5	4	8	1	8	3
5	4	8	1	--	5
5	4	8	2	2	1
5	4	8	2	3-6, 11-14	2
5	4	8	2	--	4
5	4	8	3	1-16	3
5	4	8	4	--	4
5	4	8	5	--	4
5	4	8	6	6, 7, 10	3
5	4	8	7	9, 16	3
5	4	8	7	--	4
5	4	8	8	9	1
5	4	8	8	10	2
5	4	8	8	1, 2, 7, 8, 15, 16	3
5	4	8	8	--	4
5	4	8	9	5	2
5	4	8	9	--	4
5	4	8	10	--	4
5	4	8	11	1-16	3
5	4	8	12	--	4
5	4	8	14	--	4
5	4	8	17	1-16	3
5	4	8	18	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	4	8	19	--	4
5	4	8	20	--	4
5	4	8	23	--	4
5	4	8	24	--	4
5	4	8	25	1-16	3
5	4	8	29	--	4
5	4	8	32	--	4
5	4	8	34	--	4
5	5	8	2	1-16	3
5	5	8	4	--	4
5	5	8	7	1, 2, 7	3
5	5	8	7	--	4
5	5	8	8	10	3
5	5	8	8	--	4
5	5	8	9	3-6, 8	3
5	5	8	9	--	4
5	5	8	10	1-16	3
5	5	8	11	1-16	3
5	5	8	13	--	4
5	5	8	15	--	4
5	5	8	16	--	4
5	5	8	17	--	4
5	5	8	18	--	4
5	5	8	24	--	4
5	5	8	27	--	4
5	5	8	34	--	4
5	6	8	4	9, 10, 15, 16	3
5	6	8	9	1, 2, 7, 8	3
5	6	8	12	8	3
5	6	8	12	--	4
5	7	8	13	1-16	3
5	1	9	1	--	5
5	1	9	2	--	5
5	1	9	3	--	5
5	1	9	4	--	4
5	1	9	5	--	5
5	1	9	6	--	5
5	1	9	7	--	5
5	1	9	8	--	5
5	1	9	9	--	5
5	1	9	10	--	5
5	1	9	11	--	5
5	1	9	12	--	5
5	1	9	13	--	5
5	1	9	14	--	5
5	1	9	15	--	5
5	1	9	16	--	4
5	1	9	17	--	4
5	1	9	18	--	5
5	1	9	19	--	5
5	1	9	20	--	5
5	1	9	21	--	5
5	1	9	22	--	5
5	1	9	23	--	5
5	1	9	24	--	5
5	1	9	25	--	5
5	1	9	26	--	5
5	1	9	27	--	5
5	1	9	28	--	5
5	1	9	29	--	4
5	1	9	30	--	5
5	1	9	31	--	5
5	1	9	32	--	5
5	1	9	33	--	5
5	1	9	34	--	5
5	1	9	35	--	5
5	1	9	36	--	5
5	2	9	1	--	5
5	2	9	2	--	5
5	2	9	3	--	4
5	2	9	4	--	5
5	2	9	5	--	4
5	2	9	6	--	5
5	2	9	7	--	5
5	2	9	8	--	5
5	2	9	9	--	5
5	2	9	10	--	4
5	2	9	11	--	5
5	2	9	12	--	5
5	2	9	13	--	5
5	2	9	14	--	5
5	2	9	15	--	5
5	2	9	16	--	5
5	2	9	17	--	5
5	2	9	18	--	5
5	2	9	19	--	5
5	2	9	20	--	5
5	2	9	21	--	5
5	2	9	22	--	5
5	2	9	23	--	5
5	2	9	24	--	5
5	2	9	25	--	5
5	2	9	26	--	5
5	2	9	27	--	5
5	2	9	28	--	5
5	2	9	29	--	5
5	2	9	30	--	5
5	2	9	31	--	5
5	2	9	32	--	5
5	2	9	33	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	2	9	34	--	5
5	2	9	35	--	5
5	2	9	36	--	5
5	3	9	1	--	5
5	3	9	2	--	4
5	3	9	3	--	5
5	3	9	4	--	5
5	3	9	5	--	4
5	3	9	6	--	4
5	3	9	7	--	5
5	3	9	8	--	5
5	3	9	9	--	5
5	3	9	10	--	5
5	3	9	11	--	5
5	3	9	12	--	5
5	3	9	13	--	5
5	3	9	14	--	5
5	3	9	15	--	5
5	3	9	16	--	5
5	3	9	17	--	5
5	3	9	18	--	5
5	3	9	19	--	5
5	3	9	20	--	5
5	3	9	21	--	5
5	3	9	22	--	5
5	3	9	23	--	5
5	3	9	24	--	5
5	3	9	25	--	5
5	3	9	26	--	5
5	3	9	27	--	5
5	3	9	28	--	5
5	3	9	29	--	5
5	3	9	30	--	5
5	3	9	31	--	5
5	3	9	32	--	5
5	3	9	33	--	5
5	3	9	34	--	5
5	3	9	35	--	5
5	3	9	36	--	5
5	4	9	3	--	4
5	4	9	10	--	4
5	4	9	24	--	4
5	5	9	3	--	4
5	5	9	29	--	4
5	5	9	32	--	4
5	1	10	1	--	5
5	1	10	2	--	5
5	1	10	3	--	5
5	1	10	4	--	5
5	1	10	5	--	4
5	1	10	6	--	4
5	1	10	7	--	5
5	1	10	8	--	5
5	1	10	9	--	5
5	1	10	10	--	5
5	1	10	11	--	5
5	1	10	12	--	5
5	1	10	13	--	5
5	1	10	14	--	5
5	1	10	15	--	5
5	1	10	16	--	5
5	1	10	17	--	5
5	1	10	18	--	5
5	1	10	19	--	5
5	1	10	20	--	4
5	1	10	21	--	5
5	1	10	22	--	5
5	1	10	23	--	5
5	1	10	24	--	5
5	1	10	25	--	5
5	1	10	26	--	5
5	1	10	27	--	5
5	1	10	28	--	5
5	1	10	29	--	5
5	1	10	30	--	5
5	1	10	31	--	5
5	1	10	32	--	4
5	1	10	33	--	5
5	1	10	34	--	5
5	1	10	35	--	5
5	1	10	36	--	5
5	2	10	1	--	4
5	2	10	2	--	5
5	2	10	3	--	5
5	2	10	4	--	5
5	2	10	5	--	5
5	2	10	6	--	5
5	2	10	7	--	5
5	2	10	8	--	5
5	2	10	9	--	5
5	2	10	10	--	5
5	2	10	11	--	5
5	2	10	12	--	4
5	2	10	13	--	5
5	2	10	14	--	5
5	2	10	15	--	4
5	2	10	16	--	5
5	2	10	17	--	5
5	2	10	18	--	5
5	2	10	19	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	2	10	20	--	5
5	2	10	21	--	5
5	2	10	22	--	5
5	2	10	23	--	5
5	2	10	24	--	5
5	2	10	25	--	5
5	2	10	26	--	5
5	2	10	27	--	5
5	2	10	28	--	5
5	2	10	29	--	5
5	2	10	30	--	5
5	2	10	31	--	4
5	2	10	32	--	5
5	2	10	33	--	5
5	2	10	34	--	5
5	2	10	35	--	5
5	2	10	36	--	5
5	3	10	1	--	5
5	3	10	2	--	5
5	3	10	3	--	5
5	3	10	4	--	5
5	3	10	5	--	4
5	3	10	6	--	5
5	3	10	7	--	5
5	3	10	8	--	5
5	3	10	9	--	5
5	3	10	10	--	5
5	3	10	11	--	5
5	3	10	12	--	5
5	3	10	13	--	5
5	3	10	14	--	5
5	3	10	15	--	5
5	3	10	16	--	5
5	3	10	17	--	5
5	3	10	18	--	4
5	3	10	19	--	5
5	3	10	20	--	5
5	3	10	21	--	5
5	3	10	22	--	5
5	3	10	23	--	5
5	3	10	24	--	5
5	3	10	25	--	4
5	3	10	26	--	5
5	3	10	27	--	5
5	3	10	28	--	5
5	3	10	29	--	5
5	3	10	30	--	4
5	3	10	31	--	4
5	3	10	32	--	4
5	3	10	33	--	4
5	3	10	34	--	4
5	3	10	35	--	5
5	3	10	36	--	5
5	4	10	7	--	4
5	4	10	12	--	4
5	4	10	24	15	3
5	4	10	24	--	4
5	5	10	12	--	4
5	1	11	1	--	5
5	1	11	2	--	5
5	1	11	3	--	4
5	1	11	4	--	5
5	1	11	5	--	5
5	1	11	6	--	5
5	1	11	7	--	5
5	1	11	8	--	5
5	1	11	9	--	5
5	1	11	10	--	5
5	1	11	11	--	5
5	1	11	12	--	5
5	1	11	13	--	5
5	1	11	14	--	5
5	1	11	15	--	5
5	1	11	16	--	5
5	1	11	17	--	5
5	1	11	18	--	5
5	1	11	19	--	4
5	1	11	20	--	5
5	1	11	21	--	5
5	1	11	22	--	5
5	1	11	23	--	5
5	1	11	24	--	5
5	1	11	25	--	5
5	1	11	26	--	5
5	1	11	27	--	5
5	1	11	28	--	5
5	1	11	29	--	5
5	1	11	30	--	5
5	1	11	31	--	5
5	1	11	32	--	5
5	1	11	33	--	4
5	1	11	34	--	5
5	1	11	35	--	5
5	1	11	36	--	5
5	2	11	1	--	5
5	2	11	2	--	5
5	2	11	3	--	5
5	2	11	4	--	5
5	2	11	5	--	5
5	2	11	6	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	2	11	7	--	5
5	2	11	8	--	5
5	2	11	9	--	5
5	2	11	10	--	5
5	2	11	11	--	5
5	2	11	12	--	5
5	2	11	13	--	5
5	2	11	14	--	5
5	2	11	15	--	5
5	2	11	16	--	5
5	2	11	17	--	5
5	2	11	18	--	5
5	2	11	19	--	5
5	2	11	20	--	5
5	2	11	21	--	5
5	2	11	22	--	5
5	2	11	23	--	5
5	2	11	24	--	5
5	2	11	25	--	5
5	2	11	26	--	4
5	2	11	27	--	5
5	2	11	28	--	5
5	2	11	29	--	5
5	2	11	30	--	5
5	2	11	31	--	5
5	2	11	32	--	5
5	2	11	33	--	5
5	2	11	34	--	5
5	2	11	35	--	5
5	2	11	36	--	5
5	3	11	1	--	5
5	3	11	2	--	5
5	3	11	3	--	5
5	3	11	4	--	5
5	3	11	5	--	4
5	3	11	6	--	4
5	3	11	7	--	5
5	3	11	8	--	5
5	3	11	9	--	5
5	3	11	10	--	5
5	3	11	11	--	5
5	3	11	12	--	5
5	3	11	13	--	5
5	3	11	14	--	5
5	3	11	15	--	5
5	3	11	16	--	5
5	3	11	17	--	5
5	3	11	18	--	4
5	3	11	19	--	5
5	3	11	20	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	3	11	21	--	5
5	3	11	22	--	5
5	3	11	23	--	5
5	3	11	24	--	5
5	3	11	25	--	5
5	3	11	26	--	5
5	3	11	27	--	5
5	3	11	28	--	5
5	3	11	29	--	5
5	3	11	30	--	4
5	3	11	31	--	4
5	3	11	32	--	5
5	3	11	33	--	5
5	3	11	34	--	5
5	3	11	35	--	5
5	3	11	36	--	5
5	4	11	13	--	4
5	4	11	14	--	4
5	4	11	15	--	4
5	4	11	18	--	4
5	4	11	36	--	4
5	6	11	24	--	4
5	1	12	1	--	5
5	1	12	2	--	5
5	1	12	3	--	5
5	1	12	4	--	5
5	1	12	5	--	5
5	1	12	6	--	5
5	1	12	7	--	5
5	1	12	8	--	5
5	1	12	9	--	5
5	1	12	10	--	5
5	1	12	11	--	5
5	1	12	12	--	5
5	1	12	13	--	5
5	1	12	14	--	5
5	1	12	15	--	5
5	1	12	16	--	5
5	1	12	17	--	5
5	1	12	18	--	5
5	1	12	19	--	5
5	1	12	20	--	5
5	1	12	21	--	5
5	1	12	22	--	5
5	1	12	23	--	5
5	1	12	24	--	5
5	1	12	25	--	5
5	1	12	26	--	5
5	1	12	27	--	5
5	1	12	28	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	1	12	29	--	5
5	1	12	30	--	5
5	1	12	31	--	5
5	1	12	32	--	5
5	1	12	33	--	5
5	1	12	34	--	5
5	1	12	35	--	5
5	1	12	36	--	5
5	2	12	1	--	4
5	2	12	2	--	5
5	2	12	3	--	5
5	2	12	4	--	5
5	2	12	5	--	5
5	2	12	6	--	5
5	2	12	7	--	5
5	2	12	8	--	5
5	2	12	9	--	5
5	2	12	10	--	5
5	2	12	11	--	5
5	2	12	12	--	5
5	2	12	13	--	5
5	2	12	14	--	5
5	2	12	15	--	5
5	2	12	16	--	5
5	2	12	17	--	5
5	2	12	18	--	5
5	2	12	19	--	5
5	2	12	20	--	5
5	2	12	21	--	5
5	2	12	22	--	5
5	2	12	23	--	5
5	2	12	24	--	5
5	2	12	25	--	5
5	2	12	26	--	5
5	2	12	27	--	5
5	2	12	28	--	5
5	2	12	29	--	5
5	2	12	30	--	5
5	2	12	31	--	5
5	2	12	32	--	5
5	2	12	33	--	5
5	2	12	34	--	5
5	2	12	35	--	5
5	2	12	36	--	5
5	3	12	1	--	5
5	3	12	2	--	5
5	3	12	3	--	5
5	3	12	4	--	5
5	3	12	5	--	5
5	3	12	6	--	4
5	3	12	7	--	4
5	3	12	8	--	4
5	3	12	9	--	5
5	3	12	10	--	5
5	3	12	11	--	5
5	3	12	12	--	5
5	3	12	13	--	5
5	3	12	14	--	4
5	3	12	15	--	5
5	3	12	16	--	5
5	3	12	17	--	5
5	3	12	18	--	5
5	3	12	19	--	5
5	3	12	20	--	5
5	3	12	21	--	5
5	3	12	22	--	5
5	3	12	23	--	5
5	3	12	24	--	5
5	3	12	25	--	5
5	3	12	26	--	5
5	3	12	27	--	5
5	3	12	28	--	5
5	3	12	29	--	5
5	3	12	30	--	5
5	3	12	31	--	5
5	3	12	32	--	5
5	3	12	33	--	5
5	3	12	34	--	5
5	3	12	35	--	5
5	3	12	36	--	5
5	4	12	3	--	4
5	4	12	24	--	4
5	1	13	1	--	5
5	1	13	2	--	5
5	1	13	3	--	5
5	1	13	4	--	5
5	1	13	5	--	5
5	1	13	6	--	5
5	1	13	7	--	5
5	1	13	8	--	5
5	1	13	9	--	5
5	1	13	10	--	5
5	1	13	11	--	5
5	1	13	12	--	5
5	1	13	13	--	5
5	1	13	14	--	5
5	1	13	15	--	5
5	1	13	16	--	5
5	1	13	17	--	5
5	1	13	18	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	1	13	19	--	5
5	1	13	20	--	5
5	1	13	21	--	5
5	1	13	22	--	5
5	1	13	23	--	5
5	1	13	24	--	5
5	1	13	25	--	5
5	1	13	26	--	5
5	1	13	27	--	5
5	1	13	28	--	5
5	1	13	29	--	5
5	1	13	30	--	5
5	1	13	31	--	5
5	1	13	32	--	5
5	1	13	33	--	5
5	1	13	34	--	5
5	1	13	35	--	5
5	1	13	36	--	5
5	2	13	1	--	5
5	2	13	2	--	5
5	2	13	3	--	5
5	2	13	4	--	5
5	2	13	5	--	5
5	2	13	6	--	5
5	2	13	7	--	5
5	2	13	8	--	5
5	2	13	9	--	5
5	2	13	10	--	5
5	2	13	11	--	5
5	2	13	12	--	5
5	2	13	13	--	5
5	2	13	14	--	5
5	2	13	15	--	5
5	2	13	16	--	5
5	2	13	17	--	5
5	2	13	18	--	5
5	2	13	19	--	5
5	2	13	20	--	5
5	2	13	21	--	5
5	2	13	22	--	5
5	2	13	23	--	5
5	2	13	24	--	5
5	2	13	25	--	5
5	2	13	26	--	5
5	2	13	27	--	4
5	2	13	28	--	4
5	2	13	29	--	5
5	2	13	30	--	5
5	2	13	31	--	5
5	2	13	32	--	5
5	2	13	33	--	5
5	2	13	34	--	5
5	2	13	35	--	5
5	2	13	36	--	5
5	3	13	1	--	5
5	3	13	2	--	5
5	3	13	3	--	5
5	3	13	4	--	5
5	3	13	5	--	5
5	3	13	6	--	5
5	3	13	7	--	5
5	3	13	8	--	5
5	3	13	9	--	5
5	3	13	10	--	5
5	3	13	11	--	5
5	3	13	12	--	5
5	3	13	13	--	5
5	3	13	14	--	5
5	3	13	15	--	5
5	3	13	16	--	5
5	3	13	17	--	5
5	3	13	18	--	5
5	3	13	19	--	5
5	3	13	20	--	5
5	3	13	21	--	5
5	3	13	22	--	5
5	3	13	23	--	5
5	3	13	24	--	5
5	3	13	25	--	5
5	3	13	26	--	5
5	3	13	27	--	5
5	3	13	28	--	5
5	3	13	29	--	5
5	3	13	30	--	5
5	3	13	31	--	5
5	3	13	32	--	5
5	3	13	33	--	5
5	3	13	34	--	5
5	3	13	35	--	5
5	3	13	36	--	5
5	4	13	23	--	4
5	6	13	27	--	4
5	6	13	34	--	4
5	1	14	1	--	5
5	1	14	2	--	5
5	1	14	3	--	5
5	1	14	4	--	5
5	1	14	5	--	5
5	1	14	6	--	5
5	1	14	7	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	1	14	8	--	5
5	1	14	9	--	5
5	1	14	10	--	5
5	1	14	11	--	5
5	1	14	12	--	5
5	1	14	13	--	5
5	1	14	14	--	5
5	1	14	15	--	5
5	1	14	16	--	5
5	1	14	17	--	5
5	1	14	18	--	5
5	1	14	19	--	5
5	1	14	20	--	5
5	1	14	21	--	5
5	1	14	22	--	5
5	1	14	23	--	5
5	1	14	24	--	5
5	1	14	25	--	5
5	1	14	26	--	5
5	1	14	27	--	5
5	1	14	28	--	5
5	1	14	29	--	5
5	1	14	30	--	5
5	1	14	31	--	5
5	1	14	32	--	5
5	1	14	33	--	5
5	1	14	34	--	5
5	1	14	35	--	5
5	1	14	36	--	5
5	2	14	1	--	5
5	2	14	2	--	5
5	2	14	3	--	5
5	2	14	4	--	5
5	2	14	5	--	5
5	2	14	6	--	5
5	2	14	7	--	5
5	2	14	8	--	5
5	2	14	9	--	5
5	2	14	10	--	5
5	2	14	11	--	5
5	2	14	12	--	5
5	2	14	13	--	5
5	2	14	14	--	5
5	2	14	15	--	5
5	2	14	16	--	5
5	2	14	17	--	5
5	2	14	18	--	5
5	2	14	19	--	5
5	2	14	20	--	5
5	2	14	21	--	5
5	2	14	22	--	5
5	2	14	23	--	5
5	2	14	24	--	5
5	2	14	25	--	5
5	2	14	26	--	5
5	2	14	27	--	5
5	2	14	28	--	5
5	2	14	29	--	5
5	2	14	30	--	5
5	2	14	31	--	5
5	2	14	32	--	5
5	2	14	33	--	5
5	2	14	34	--	5
5	2	14	35	--	5
5	2	14	36	--	5
5	3	14	1	--	5
5	3	14	2	--	5
5	3	14	3	--	5
5	3	14	4	--	5
5	3	14	5	--	5
5	3	14	6	--	5
5	3	14	7	--	5
5	3	14	8	--	5
5	3	14	9	--	5
5	3	14	10	--	5
5	3	14	11	--	5
5	3	14	12	--	5
5	3	14	13	--	5
5	3	14	14	--	5
5	3	14	15	--	5
5	3	14	16	--	5
5	3	14	17	--	5
5	3	14	18	--	5
5	3	14	19	--	5
5	3	14	20	--	5
5	3	14	21	--	5
5	3	14	22	--	5
5	3	14	23	--	5
5	3	14	24	--	5
5	3	14	25	--	5
5	3	14	26	--	5
5	3	14	27	--	5
5	3	14	28	--	5
5	3	14	29	--	5
5	3	14	30	--	5
5	3	14	31	--	5
5	3	14	32	--	5
5	3	14	33	--	5
5	3	14	34	--	5
5	3	14	35	--	5

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
5	3	14	36	--	5
5	4	14	20	--	4
5	4	14	30	--	4
5	2	15	22	--	4
5	2	15	27	--	4
5	3	15	9	--	5
5	4	15	17	1, 2, 7-10, 15, 16	3
5	4	15	21	--	5
5	4	15	30	--	4
5	5	15	35	--	4
5	6	15	34	--	4
5	1	16	32	--	4
5	2	16	14	--	4
5	2	16	16	--	4
5	3	16	2	9-16	3
5	3	16	3	9, 10, 15, 16	3
5	3	16	10	1, 2, 7, 8	3
5	3	16	11	1-8	3
5	4	16	25	--	5
5	5	16	24	10	1
5	5	16	24	--	5
5	5	16	31	--	4
5	5	16	33	--	4
5	5	16	34	--	4
5	5	16	35	8	3
5	5	16	35	--	4
5	1	17	9	5	3
5	2	17	5	--	4
5	2	17	16	--	4
5	2	17	20	--	4
5	4	17	6	--	4
5	6	17	1	--	4
5	7	17	32	--	4
5	2	18	8	--	4
5	2	18	12	--	4
5	2	18	17	--	4
5	2	18	20	--	4
5	3	18	25	--	4
5	3	18	36	--	4
5	6	18	16	--	5
5	6	18	20	--	5
5	6	18	30	--	5
5	6	18	31	--	5
5	2	19	31	--	4
5	4	19	30	--	4
5	5	19	35	--	4
5	7	19	6	--	5
5	7	19	7	--	5
5	7	19	12	--	4
5	8	19	8	--	5
5	8	19	9	--	5
5	8	19	10	--	5
5	8	19	13	--	4
5	8	19	15	--	5
5	8	19	16	--	5
5	8	19	17	--	5
5	8	19	19	--	5
5	8	19	20	--	5
5	8	19	21	--	5
5	8	19	22	--	5
5	8	19	27	--	5
5	8	19	28	--	5
5	1	20	19	--	5
5	1	20	20	--	4
5	1	20	21	1, 2	1
5	1	20	21	--	5
5	1	20	22	--	5
5	1	20	23	--	5
5	1	20	24	9	3
5	1	20	24	--	5
5	1	20	25	--	5
5	1	20	26	--	5
5	1	20	27	--	5
5	1	20	28	--	5
5	1	20	29	--	5
5	1	20	30	--	5
5	2	20	5	--	5
5	2	20	6	11, 14, 15	1
5	2	20	6	--	4
5	2	20	7	--	5
5	2	20	8	--	4
5	2	20	9	--	5
5	2	20	16	--	5
5	2	20	17	--	5
5	2	20	21	--	5
5	2	20	22	--	5
5	2	20	25	--	5
5	2	20	26	--	5
5	2	20	27	--	5
5	2	20	28	--	5
5	2	20	33	--	5
5	2	20	34	--	5
5	2	20	35	--	5
5	2	20	36	--	5
5	3	20	1	--	5
5	3	20	2	--	4
5	3	20	3	--	4
5	3	20	4	--	5
5	3	20	10	--	5
5	3	20	11	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	3	20	12	--	5
5	3	20	13	--	5
5	3	20	14	--	5
5	3	20	15	--	5
5	3	20	26	--	5
5	3	20	27	--	5
5	3	20	34	--	4
5	5	20	6	--	4
5	5	20	27	--	4
5	8	20	5	--	4
5	8	20	31	--	5
5	8	20	34	--	4
5	1	21	1	--	5
5	1	21	2	--	5
5	1	21	3	--	5
5	1	21	4	--	5
5	1	21	5	--	5
5	1	21	6	--	5
5	1	21	7	--	5
5	1	21	8	--	5
5	1	21	9	--	5
5	1	21	10	--	5
5	1	21	11	--	5
5	1	21	12	--	5
5	1	21	13	--	5
5	1	21	14	--	5
5	1	21	15	--	5
5	1	21	16	--	5
5	1	21	17	--	5
5	1	21	18	--	5
5	1	21	19	--	5
5	1	21	20	--	5
5	1	21	21	--	5
5	1	21	22	--	5
5	1	21	23	--	5
5	1	21	24	--	5
5	1	21	25	--	5
5	1	21	26	--	5
5	1	21	27	--	5
5	1	21	28	--	5
5	1	21	29	--	5
5	1	21	30	--	5
5	1	21	31	--	5
5	1	21	32	--	5
5	1	21	33	--	5
5	1	21	34	--	5
5	1	21	35	--	5
5	1	21	36	--	4
5	2	21	1	--	5
5	2	21	2	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	2	21	3	--	5
5	2	21	4	--	5
5	2	21	5	--	5
5	2	21	6	--	4
5	2	21	7	--	5
5	2	21	8	--	5
5	2	21	9	--	5
5	2	21	10	--	5
5	2	21	11	--	5
5	2	21	12	--	5
5	2	21	13	--	5
5	2	21	14	--	5
5	2	21	15	--	5
5	2	21	16	--	5
5	2	21	17	--	5
5	2	21	18	--	4
5	2	21	19	--	4
5	2	21	20	--	5
5	2	21	21	--	5
5	2	21	22	--	5
5	2	21	23	--	5
5	2	21	24	--	5
5	2	21	25	--	5
5	2	21	26	--	5
5	2	21	27	--	5
5	2	21	28	--	5
5	2	21	29	--	5
5	2	21	30	--	5
5	2	21	31	--	5
5	2	21	32	--	5
5	2	21	33	--	5
5	2	21	34	--	5
5	2	21	35	--	5
5	2	21	36	--	5
5	3	21	1	--	5
5	3	21	2	--	5
5	3	21	3	--	5
5	3	21	4	--	5
5	3	21	5	--	5
5	3	21	6	--	5
5	3	21	7	--	5
5	3	21	8	--	5
5	3	21	9	1	2
5	3	21	9	--	5
5	3	21	10	--	4
5	3	21	11	--	5
5	3	21	12	--	5
5	3	21	13	--	5
5	3	21	14	--	5
5	3	21	15	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	3	21	16	--	5
5	3	21	17	--	5
5	3	21	18	--	5
5	3	21	19	--	5
5	3	21	20	--	5
5	3	21	21	--	5
5	3	21	22	--	5
5	3	21	23	--	5
5	3	21	24	--	5
5	3	21	25	--	5
5	3	21	26	--	5
5	3	21	27	--	5
5	3	21	28	--	5
5	3	21	29	--	5
5	3	21	30	--	5
5	3	21	31	--	5
5	3	21	32	--	5
5	3	21	33	--	5
5	3	21	34	--	5
5	3	21	35	--	4
5	3	21	36	--	5
5	4	21	20	--	4
5	7	21	25	--	4
5	8	21	6	--	5
5	9	21	5	--	5
5	9	21	12	--	4
5	9	21	23	--	5
5	9	21	27	--	5
5	9	21	34	--	5
5	10	21	24	--	5
5	10	21	25	--	4
5	1	22	1	--	4
5	1	22	2	--	5
5	1	22	3	--	5
5	1	22	4	--	5
5	1	22	5	--	5
5	1	22	6	--	5
5	1	22	7	--	5
5	1	22	8	--	5
5	1	22	9	--	5
5	1	22	10	--	5
5	1	22	11	--	5
5	1	22	12	--	5
5	1	22	13	--	5
5	1	22	14	--	5
5	1	22	15	--	5
5	1	22	16	--	5
5	1	22	17	10	3
5	1	22	17	--	5
5	1	22	18	--	5
5	1	22	19	--	5
5	1	22	20	--	5
5	1	22	21	--	5
5	1	22	22	--	5
5	1	22	23	--	5
5	1	22	24	--	4
5	1	22	25	--	4
5	1	22	26	--	5
5	1	22	27	--	5
5	1	22	28	--	5
5	1	22	29	--	5
5	1	22	30	--	5
5	1	22	31	--	5
5	1	22	32	--	5
5	1	22	33	--	5
5	1	22	34	--	5
5	1	22	35	2	3
5	1	22	35	--	4
5	1	22	36	3-6	1
5	1	22	36	--	4
5	2	22	1	--	5
5	2	22	2	--	5
5	2	22	3	--	5
5	2	22	4	--	5
5	2	22	5	--	5
5	2	22	6	--	5
5	2	22	7	--	5
5	2	22	8	--	5
5	2	22	9	--	5
5	2	22	10	--	5
5	2	22	11	--	5
5	2	22	12	--	5
5	2	22	13	--	5
5	2	22	14	--	5
5	2	22	15	--	5
5	2	22	16	--	5
5	2	22	17	--	5
5	2	22	18	--	5
5	2	22	19	--	5
5	2	22	20	--	5
5	2	22	21	--	5
5	2	22	22	--	5
5	2	22	23	--	5
5	2	22	24	--	5
5	2	22	25	--	5
5	2	22	26	--	5
5	2	22	27	--	5
5	2	22	28	--	5
5	2	22	29	--	5
5	2	22	30	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	2	22	31	--	5
5	2	22	32	--	5
5	2	22	33	--	5
5	2	22	34	--	5
5	2	22	35	--	5
5	2	22	36	--	5
5	3	22	1	--	5
5	3	22	2	--	5
5	3	22	3	--	5
5	3	22	4	--	4
5	3	22	5	--	5
5	3	22	6	--	5
5	3	22	7	--	5
5	3	22	8	--	5
5	3	22	9	--	5
5	3	22	10	--	5
5	3	22	11	--	5
5	3	22	12	--	5
5	3	22	13	--	5
5	3	22	14	--	5
5	3	22	15	--	5
5	3	22	16	--	5
5	3	22	17	--	5
5	3	22	18	--	5
5	3	22	19	--	5
5	3	22	20	--	4
5	3	22	21	--	5
5	3	22	22	--	5
5	3	22	23	--	5
5	3	22	24	--	5
5	3	22	25	--	5
5	3	22	26	--	5
5	3	22	27	--	5
5	3	22	28	--	5
5	3	22	29	--	5
5	3	22	30	--	5
5	3	22	31	--	5
5	3	22	32	--	5
5	3	22	33	--	5
5	3	22	34	--	5
5	3	22	35	--	5
5	3	22	36	--	5
5	6	22	28	--	4
5	7	22	25	--	4
5	7	22	36	--	4
5	8	22	9	--	4
5	8	22	15	--	4
5	8	22	16	--	4
5	8	22	32	--	5
5	9	22	30	--	4
5	9	22	31	--	4
5	9	22	34	--	5
5	9	22	35	--	5
5	1	23	1	--	4
5	1	23	2	--	5
5	1	23	3	4	1
5	1	23	3	--	5
5	1	23	4	1, 2, 7, 8	1
5	1	23	4	--	5
5	1	23	5	--	5
5	1	23	6	--	4
5	1	23	7	--	5
5	1	23	12	--	5
5	1	23	13	--	5
5	1	23	14	--	5
5	1	23	23	--	4
5	1	23	24	--	5
5	1	23	25	--	5
5	1	23	26	--	4
5	1	23	35	--	5
5	1	23	36	--	5
5	4	23	4	9	3
5	5	23	11	--	5
5	5	23	12	--	5
5	5	23	13	--	5
5	5	23	14	--	5
5	8	23	19	--	4
5	8	23	20	--	5
5	8	23	32	--	4
5	9	23	1	--	4
5	9	23	2	--	5
5	9	23	3	--	5
5	9	23	4	--	5
5	9	23	9	--	5
5	9	23	12	--	4
5	9	23	17	--	5
5	9	23	20	--	5
5	9	23	21	--	5
5	1	24	1	--	5
5	1	24	3	11-14	2
5	1	24	6	9, 10, 15, 16	1
5	1	24	8	9, 10, 15, 16	2
5	1	24	9	1, 2, 7-16	1
5	1	24	9	--	5
5	1	24	10	11-14	1
5	1	24	10	9, 10, 15, 16	2
5	1	24	11	11-14	2
5	1	24	12	2	1
5	1	24	14	1-16	1
5	1	24	15	1-16	1

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	1	24	16	1, 2, 7-16	1
5	1	24	16	--	5
5	1	24	17	11-14	2
5	1	24	17	--	5
5	1	24	18	--	5
5	1	24	19	1, 2, 7-16	2
5	1	24	19	--	5
5	1	24	21	1-14	1
5	1	24	23	9, 10, 15, 16	1
5	1	24	23	3-6	2
5	1	24	32	--	5
5	2	24	2	9, 10, 15, 16	1
5	2	24	2	5	2
5	2	24	2	--	5
5	2	24	3	--	5
5	2	24	4	--	4
5	2	24	5	--	5
5	2	24	6	--	5
5	2	24	7	--	4
5	2	24	8	--	5
5	2	24	9	--	5
5	2	24	10	--	5
5	2	24	11	--	4
5	2	24	14	11-14	2
5	2	24	14	--	5
5	2	24	15	--	5
5	2	24	16	--	5
5	2	24	17	--	5
5	2	24	18	--	5
5	2	24	19	--	5
5	2	24	20	--	5
5	2	24	21	--	5
5	2	24	22	--	5
5	2	24	23	--	4
5	2	24	24	9, 10, 15, 16	2
5	2	24	24	--	4
5	2	24	25	--	5
5	2	24	26	9, 10, 15, 16	2
5	2	24	26	--	4
5	2	24	27	--	4
5	2	24	28	--	4
5	2	24	29	--	5
5	2	24	30	--	4
5	2	24	31	--	4
5	2	24	32	--	4
5	2	24	33	13, 14	1
5	2	24	33	9, 10, 15, 16	2
5	2	24	33	--	5
5	2	24	34	--	5
5	2	24	35	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	3	24	1	--	4
5	3	24	2	--	5
5	3	24	3	--	5
5	3	24	4	--	5
5	3	24	5	--	5
5	3	24	6	--	5
5	3	24	7	--	5
5	3	24	8	--	5
5	3	24	9	--	5
5	3	24	10	--	5
5	3	24	11	--	5
5	3	24	12	--	4
5	3	24	13	--	5
5	3	24	14	--	4
5	3	24	15	--	4
5	3	24	16	--	5
5	3	24	17	--	4
5	3	24	18	--	5
5	3	24	19	--	5
5	3	24	20	--	5
5	3	24	21	--	5
5	3	24	22	--	5
5	3	24	23	--	5
5	3	24	24	--	4
5	3	24	25	--	5
5	3	24	26	--	5
5	3	24	27	--	5
5	3	24	28	--	5
5	3	24	29	--	5
5	3	24	30	--	5
5	3	24	31	--	5
5	3	24	32	--	5
5	3	24	33	--	5
5	3	24	34	--	5
5	3	24	35	--	5
5	3	24	36	--	4
5	4	24	1	--	5
5	4	24	2	--	4
5	4	24	3	13	2
5	4	24	3	--	5
5	4	24	4	--	5
5	4	24	5	--	5
5	4	24	6	--	4
5	4	24	7	--	5
5	4	24	8	--	5
5	4	24	9	--	5
5	4	24	10	--	4
5	4	24	11	--	5
5	4	24	12	--	5
5	4	24	13	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	4	24	14	--	5
5	4	24	15	--	5
5	4	24	16	--	5
5	4	24	17	--	5
5	4	24	18	--	5
5	4	24	19	--	5
5	4	24	20	--	5
5	4	24	21	--	5
5	4	24	22	--	5
5	4	24	23	--	5
5	4	24	24	--	5
5	4	24	25	--	5
5	4	24	26	--	5
5	4	24	27	--	5
5	4	24	28	--	5
5	4	24	29	--	5
5	4	24	30	--	5
5	4	24	31	--	4
5	4	24	32	--	5
5	4	24	33	--	5
5	4	24	34	--	5
5	4	24	35	--	5
5	4	24	36	--	5
5	5	24	12	--	4
5	6	24	9	--	4
5	6	24	11	--	4
5	7	24	12	--	5
5	7	24	13	--	5
5	7	24	14	1, 2	1
5	7	24	14	--	5
5	8	24	8	--	4
5	8	24	9	--	4
5	8	24	10	7	1
5	8	24	27	--	4
5	8	24	29	--	4
5	8	24	30	--	4
5	8	24	31	--	4
5	8	24	32	--	4
5	9	24	6	--	4
5	9	24	7	--	4
5	9	24	15	--	4
5	9	24	19	1-8	1
5	9	24	20	--	5
5	9	24	21	--	4
5	9	24	22	--	4
5	9	24	24	--	4
5	9	24	25	--	4
5	9	24	28	--	5
5	9	24	29	2	3
5	9	24	29	--	5
5	10	24	11	--	5
5	10	24	12	--	4
5	10	24	23	--	4
5	10	24	24	1, 2, 7-10, 15, 16	1
5	10	24	24	--	4
5	10	24	27	--	4
5	10	24	32	8	1
5	10	24	32	5, 8	2
5	10	24	33	--	4
5	10	24	34	--	4
5	11	24	5	--	5
5	11	24	25	7	3
5	11	24	25	--	5
5	1	25	4	--	5
5	1	25	5	--	4
5	1	25	6	--	5
5	1	25	7	--	5
5	1	25	8	--	4
5	1	25	9	--	5
5	1	25	11	--	4
5	1	25	14	--	5
5	1	25	15	12	3
5	1	25	15	--	4
5	1	25	16	--	5
5	1	25	17	--	5
5	1	25	18	--	5
5	1	25	19	--	5
5	1	25	20	--	4
5	1	25	21	--	5
5	1	25	22	--	5
5	1	25	23	--	4
5	1	25	24	--	5
5	1	25	25	--	4
5	1	25	26	--	4
5	1	25	27	--	5
5	1	25	28	--	5
5	1	25	29	--	5
5	1	25	30	--	4
5	1	25	31	--	5
5	1	25	32	--	5
5	1	25	33	3-6	1
5	1	25	33	--	4
5	1	25	34	--	5
5	1	25	35	--	5
5	1	25	36	15	1
5	1	25	36	--	4
5	2	25	2	--	5
5	2	25	3	--	4
5	2	25	4	3, 4	1
5	2	25	4	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	2	25	5	--	4
5	2	25	6	--	4
5	2	25	7	--	5
5	2	25	8	--	4
5	2	25	9	--	5
5	2	25	10	--	5
5	2	25	13	--	5
5	2	25	14	--	5
5	2	25	15	--	5
5	2	25	16	--	5
5	2	25	17	--	4
5	2	25	18	--	5
5	2	25	19	--	5
5	2	25	20	--	4
5	2	25	21	--	4
5	2	25	22	--	4
5	2	25	23	--	5
5	2	25	24	--	4
5	2	25	25	--	5
5	2	25	26	--	5
5	2	25	27	--	5
5	2	25	28	--	5
5	2	25	29	--	5
5	2	25	30	--	5
5	2	25	31	--	5
5	2	25	32	--	5
5	2	25	33	--	5
5	2	25	34	--	5
5	2	25	35	--	5
5	2	25	36	--	5
5	3	25	1	--	4
5	3	25	2	--	4
5	3	25	3	--	5
5	3	25	4	--	5
5	3	25	5	--	5
5	3	25	6	--	5
5	3	25	7	--	5
5	3	25	8	--	5
5	3	25	9	--	5
5	3	25	10	--	5
5	3	25	11	--	5
5	3	25	12	--	5
5	3	25	13	--	5
5	3	25	14	--	5
5	3	25	15	--	5
5	3	25	16	--	5
5	3	25	17	--	4
5	3	25	18	--	5
5	3	25	19	--	5
5	3	25	20	--	5
5	3	25	21	--	4
5	3	25	22	--	5
5	3	25	23	--	5
5	3	25	24	--	4
5	3	25	25	--	5
5	3	25	26	--	5
5	3	25	27	--	5
5	3	25	28	--	4
5	3	25	29	--	5
5	3	25	30	--	5
5	3	25	31	--	5
5	3	25	32	--	5
5	3	25	33	--	5
5	3	25	34	--	5
5	3	25	35	--	5
5	3	25	36	--	5
5	4	25	1	--	5
5	4	25	2	--	5
5	4	25	3	--	5
5	4	25	4	--	5
5	4	25	5	--	5
5	4	25	6	--	5
5	4	25	7	--	5
5	4	25	8	--	5
5	4	25	9	--	5
5	4	25	10	--	5
5	4	25	11	--	5
5	4	25	12	--	5
5	4	25	13	--	5
5	4	25	14	--	5
5	4	25	15	--	5
5	4	25	16	--	4
5	4	25	17	--	5
5	4	25	18	--	5
5	4	25	19	--	5
5	4	25	20	--	4
5	4	25	21	--	5
5	4	25	22	--	5
5	4	25	23	--	5
5	4	25	24	--	5
5	4	25	25	--	4
5	4	25	26	--	5
5	4	25	27	--	5
5	4	25	28	--	5
5	4	25	29	--	4
5	4	25	30	--	5
5	4	25	31	--	5
5	4	25	32	--	5
5	4	25	33	--	4
5	4	25	34	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	4	25	35	--	4
5	4	25	36	--	4
5	5	25	1	--	5
5	5	25	2	--	5
5	5	25	3	--	5
5	5	25	4	--	5
5	5	25	5	--	5
5	5	25	6	--	5
5	5	25	7	--	4
5	5	25	8	--	5
5	5	25	9	--	5
5	5	25	10	--	5
5	5	25	11	--	5
5	5	25	12	--	5
5	5	25	13	--	5
5	5	25	14	--	5
5	5	25	15	--	5
5	5	25	16	--	5
5	5	25	17	--	5
5	5	25	18	--	5
5	5	25	19	--	5
5	5	25	20	--	5
5	5	25	21	--	5
5	5	25	22	--	5
5	5	25	23	--	5
5	5	25	24	--	5
5	5	25	25	--	5
5	5	25	26	--	5
5	5	25	27	--	5
5	5	25	28	--	5
5	5	25	29	--	5
5	5	25	30	--	5
5	7	25	25	--	4
5	7	25	27	--	4
5	7	25	29	--	4
5	7	25	35	--	4
5	8	25	4	--	4
5	8	25	10	--	4
5	8	25	14	--	4
5	8	25	16	--	4
5	8	25	24	--	4
5	9	25	28	--	4
5	9	25	29	--	4
5	10	25	3	--	4
5	10	25	4	3-6	3
5	10	25	6	--	4
5	10	25	7	--	4
5	11	25	25	7	3
5	12	25	23	9	3
5	12	25	35	1, 2, 7- 8	1

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	1	26	1	2	1
5	1	26	1	--	5
5	1	26	2	--	5
5	1	26	3	--	5
5	1	26	4	--	5
5	1	26	5	--	5
5	1	26	6	--	5
5	1	26	7	--	5
5	1	26	8	--	5
5	1	26	9	--	5
5	1	26	10	--	5
5	1	26	11	--	5
5	1	26	12	--	5
5	1	26	13	--	5
5	1	26	14	--	5
5	1	26	15	--	5
5	1	26	16	--	5
5	1	26	17	--	5
5	1	26	18	--	5
5	1	26	19	--	5
5	1	26	20	--	5
5	1	26	21	--	5
5	1	26	22	--	5
5	1	26	23	--	5
5	1	26	24	--	5
5	1	26	25	--	5
5	1	26	26	--	5
5	1	26	27	--	5
5	1	26	28	--	5
5	1	26	29	--	5
5	1	26	30	--	5
5	1	26	31	--	5
5	1	26	32	--	5
5	1	26	33	--	5
5	1	26	34	--	5
5	1	26	35	--	5
5	1	26	36	--	5
5	2	26	1	--	4
5	2	26	2	--	5
5	2	26	3	--	5
5	2	26	4	--	4
5	2	26	5	--	5
5	2	26	6	--	5
5	2	26	7	--	5
5	2	26	8	--	5
5	2	26	9	--	5
5	2	26	10	--	5
5	2	26	11	--	4
5	2	26	12	--	5
5	2	26	13	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	2	26	14	--	5
5	2	26	15	--	5
5	2	26	16	--	5
5	2	26	17	--	5
5	2	26	18	--	5
5	2	26	19	--	5
5	2	26	20	--	5
5	2	26	21	--	5
5	2	26	22	--	5
5	2	26	23	--	5
5	2	26	24	--	5
5	2	26	25	--	4
5	2	26	26	--	5
5	2	26	27	--	5
5	2	26	28	--	5
5	2	26	29	--	5
5	2	26	30	--	5
5	2	26	31	--	5
5	2	26	32	--	5
5	2	26	33	--	5
5	2	26	34	--	5
5	2	26	35	--	5
5	2	26	36	--	5
5	3	26	1	--	4
5	3	26	2	--	5
5	3	26	3	--	5
5	3	26	4	--	5
5	3	26	5	--	5
5	3	26	6	--	5
5	3	26	7	--	5
5	3	26	8	--	5
5	3	26	9	--	5
5	3	26	10	--	5
5	3	26	11	--	5
5	3	26	12	--	4
5	3	26	13	--	5
5	3	26	14	--	5
5	3	26	15	--	5
5	3	26	16	--	5
5	3	26	17	--	5
5	3	26	18	--	5
5	3	26	19	--	5
5	3	26	20	--	5
5	3	26	21	--	5
5	3	26	22	--	5
5	3	26	23	--	5
5	3	26	24	--	5
5	3	26	25	--	5
5	3	26	26	--	5
5	3	26	27	--	5
5	3	26	28	--	5
5	3	26	29	--	5
5	3	26	30	--	5
5	3	26	31	--	5
5	3	26	32	--	4
5	3	26	33	--	4
5	3	26	34	--	5
5	3	26	35	--	5
5	3	26	36	--	5
5	4	26	1	--	4
5	4	26	2	6	2
5	4	26	2	--	5
5	4	26	3	13, 14	1
5	4	26	3	--	4
5	4	26	4	--	4
5	4	26	5	--	5
5	4	26	6	--	5
5	4	26	7	--	5
5	4	26	8	--	4
5	4	26	9	--	5
5	4	26	10	1-4, 6-8	1
5	4	26	10	--	4
5	4	26	11	--	5
5	4	26	12	--	5
5	4	26	13	--	5
5	4	26	14	--	5
5	4	26	15	--	5
5	4	26	16	--	4
5	4	26	17	--	5
5	4	26	18	--	4
5	4	26	19	--	5
5	4	26	20	--	5
5	4	26	21	--	5
5	4	26	22	--	5
5	4	26	23	--	5
5	4	26	24	--	5
5	4	26	25	--	5
5	4	26	26	--	5
5	4	26	27	--	5
5	4	26	28	--	5
5	4	26	29	--	5
5	4	26	30	--	5
5	4	26	31	--	5
5	4	26	32	--	5
5	4	26	33	--	5
5	4	26	34	--	5
5	4	26	35	--	5
5	4	26	36	--	5
5	5	26	7	--	5
5	5	26	13	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	5	26	14	--	4
5	5	26	18	--	5
5	5	26	24	--	4
5	5	26	29	--	4
5	5	26	34	--	4
5	6	26	6	1-3, 7, 8	1
5	6	26	6	--	4
5	6	26	9	--	4
5	8	26	7	--	4
5	11	26	19	--	4
5	11	26	20	--	4
5	13	26	10	3	3
5	14	26	28	--	5
5	14	26	33	--	4
5	1	27	1	--	4
5	1	27	2	--	5
5	1	27	3	--	5
5	1	27	4	--	5
5	1	27	5	--	5
5	1	27	6	--	5
5	1	27	7	--	5
5	1	27	8	--	5
5	1	27	9	--	5
5	1	27	10	--	5
5	1	27	11	--	5
5	1	27	12	--	5
5	1	27	13	--	5
5	1	27	14	--	5
5	1	27	15	--	5
5	1	27	16	--	5
5	1	27	17	--	5
5	1	27	18	--	5
5	1	27	19	--	5
5	1	27	20	--	5
5	1	27	21	--	5
5	1	27	22	--	5
5	1	27	23	--	5
5	1	27	24	--	5
5	1	27	36	--	4
5	2	27	1	--	5
5	2	27	2	--	5
5	2	27	3	--	5
5	2	27	4	--	5
5	2	27	5	--	5
5	2	27	6	--	5
5	2	27	7	--	5
5	2	27	8	--	5
5	2	27	9	--	5
5	2	27	10	--	5
5	2	27	11	--	5
5	2	27	12	--	5
5	2	27	13	--	5
5	2	27	14	--	5
5	2	27	15	--	5
5	2	27	16	--	5
5	2	27	17	--	5
5	2	27	18	--	5
5	2	27	19	--	5
5	2	27	20	--	5
5	2	27	21	--	5
5	2	27	22	--	5
5	2	27	23	--	5
5	2	27	24	--	5
5	3	27	1	--	5
5	3	27	2	--	5
5	3	27	3	--	5
5	3	27	4	--	5
5	3	27	5	--	5
5	3	27	6	--	5
5	3	27	7	--	5
5	3	27	8	--	5
5	3	27	9	--	5
5	3	27	10	--	5
5	3	27	11	--	5
5	3	27	12	--	5
5	3	27	13	--	5
5	3	27	14	--	5
5	3	27	15	--	5
5	3	27	16	--	5
5	3	27	17	--	5
5	3	27	18	--	5
5	3	27	19	--	5
5	3	27	20	--	5
5	3	27	21	--	5
5	3	27	22	--	5
5	3	27	23	--	5
5	3	27	24	--	5
5	4	27	4	3	1
5	4	27	4	--	4
5	9	27	21	--	4
5	15	27	11	--	4
5	15	27	22	--	4
5	2	28	21	10, 11, 15	3
5	2	28	21	--	5
5	4	28	4	11	3
5	4	28	4	--	4
5	4	28	15	--	4
5	4	28	20	--	4
5	4	28	29	--	4
5	5	28	13	--	4

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
5	7	28	4	--	5
5	8	28	21	--	4
5	15	28	3	--	4
5	15	28	5	--	4
5	15	28	10	--	4
5	16	28	9	--	4
5	16	28	28	--	4
5	4	29	5	--	4
5	5	29	30	--	4
5	5	29	33	--	4
5	6	29	12	--	4
5	7	29	3	--	4
5	8	29	16	--	5
5	8	29	21	--	4
5	1	30	1	8	3
5	1	30	1	--	5
5	1	30	17	1	2
5	1	30	26	--	4
5	1	30	28	--	4
5	4	30	4	--	5
5	4	30	6	--	4
5	4	30	7	--	4
5	5	30	3	--	5
5	10	30	4	--	4
5	1	31	18	11, 13	2
5	1	31	19	4	1
5	4	31	27	--	4
5	8	31	4	--	5
5	9	31	6	--	4
5	14	31	24	--	5
5	1	32	32	15	2
5	3	32	17	--	4
5	3	32	30	--	4
5	4	32	36	--	4
5	5	32	22	--	4
5	5	32	27	--	4
5	11	32	9	--	5
5	11	32	10	5-8, 11, 12	3
5	11	32	10	--	5
5	11	32	11	--	5
5	11	32	12	--	5
5	12	32	8	--	5
5	5	33	4	--	4
5	5	33	29	--	4
5	5	33	30	--	4
5	10	33	1	--	5
5	10	33	11	--	4
5	10	33	20	--	4
5	11	33	6	--	4
5	13	33	3	--	5
5	1	34	21	--	4
5	1	34	28	--	4
5	6	34	23	--	4
5	9	34	11	--	4
5	9	34	31	--	5
5	9	34	32	--	5
5	10	34	18	--	4
5	11	34	13	--	4
5	11	34	15	--	4
5	11	34	36	--	4
5	13	34	26	--	5
5	14	34	6	--	5
5	15	34	9	--	5
5	15	34	17	--	5
5	15	34	20	--	5
5	15	34	21	--	5
5	15	34	24	--	5
5	15	34	25	--	5
5	15	34	29	--	5
5	16	34	10	--	5
5	16	34	27	--	5
5	16	34	29	--	5
5	17	34	36	--	5
5	2	35	33	--	4
5	3	35	23	--	4
5	3	35	24	--	4
5	9	35	4	--	5
5	9	35	23	--	5
5	9	35	32	--	4
5	10	35	10	--	5
5	15	35	15	--	5
5	15	35	22	--	5
5	15	35	32	--	5
5	15	35	33	--	5
5	16	35	2	--	5
5	17	35	2	--	5
5	17	35	11	--	5
5	17	35	19	--	4
5	17	35	30	--	4
5	17	35	31	--	4
5	17	35	32	--	4
5	18	35	13	--	4
5	18	35	14	--	4
5	18	35	24	--	4
5	19	35	8	--	5
5	20	35	1	--	5
5	23	35	30	--	4
5	2	36	16	--	4
5	2	36	26	9, 10	1
5	3	36	1	4	1

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	4	36	2	--	4
5	4	36	15	--	4
5	4	36	16	--	4
5	4	36	31	--	4
5	5	36	22	4	2
5	9	36	3	--	5
5	9	36	23	--	5
5	9	36	28	--	5
5	10	36	13	--	5
5	13	36	25	--	4
5	15	36	5	--	5
5	17	36	6	--	4
5	17	36	7	--	4
5	17	36	17	--	4
5	17	36	18	--	4
5	17	36	30	--	4
5	18	36	22	--	5
5	18	36	27	--	5
5	18	36	34	--	5
5	2	37	3	15	1
5	2	37	9	7-10	3
5	2	37	10	2	1
5	2	37	10	1, 3-8	3
5	6	37	11	--	4
5	10	37	27	--	5
5	17	37	31	--	4
5	18	37	10	--	4
5	18	37	12	--	4
5	18	37	13	--	4
5	18	37	24	--	4
5	18	37	26	--	4
5	19	37	23	--	5
5	19	37	26	--	5
5	19	37	27	--	5
5	19	37	33	--	5
5	19	37	34	--	5
5	21	37	1	14	3
5	7	38	5	--	4
5	9	38	32	--	5
5	11	38	19	--	4
5	12	38	32	--	4
5	14	38	13	--	4
5	17	38	1	--	4
5	17	38	7	--	4
5	17	38	8	--	4
5	17	38	9	--	4
5	17	38	34	--	4
5	17	38	35	--	4
5	19	38	29	--	4
5	26	38	3	--	4
5	7	39	16	--	5
5	7	39	17	6, 11, 15	3
5	7	39	20	2	3
5	7	39	20	--	5
5	7	39	21	--	4
5	7	39	33	--	4
5	10	39	30	--	4
5	12	39	3	--	4
5	15	39	31	--	4
5	15	39	32	--	4
5	15	39	33	--	4
5	15	39	34	--	4
5	16	39	7	--	4
5	16	39	17	--	4
5	16	39	21	--	4
5	16	39	36	--	4
5	17	39	25	--	5
5	1	40	23	13	2
5	2	40	22	--	5
5	10	40	13	--	4
5	12	40	19	--	5
5	13	40	22	--	4
5	13	40	23	--	5
5	13	40	24	--	5
5	13	40	27	--	5
5	14	40	31	--	4
5	15	40	6	--	5
5	15	40	21	16	1
5	15	40	21	--	5
5	15	40	22	13	1
5	15	40	27	4, 5	1
5	15	40	27	--	4
5	15	40	28	1, 2	1
5	15	40	28	5, 8, 10, 11	3
5	15	40	33	--	4
5	15	40	34	--	4
5	15	40	36	--	4
5	20	40	1	--	5
5	20	40	11	--	5
5	20	40	14	--	5
5	20	40	22	--	5
5	21	40	15	2	5
5	2	41	28	--	4
5	5	41	34	--	4
5	10	41	21	--	4
5	11	41	7	--	4
5	15	41	4	--	4
5	2	42	29	1	2
5	5	42	31	--	4
5	8	42	33	6-11	1

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	8	42	33	1	5
5	8	42	34	5, 11, 12	1
5	8	42	34	3	5
5	10	42	3	--	4
5	10	42	10	--	4
5	28	42	2	--	4
5	1	43	32	--	4
5	2	43	30	--	4
5	6	43	35	--	4
5	16	43	6	--	4
5	24	43	25	3-6	2
5	6	44	2	--	4
5	12	44	2	--	4
5	12	44	10	--	4
5	15	44	5	--	4
5	16	44	22	--	4
5	16	44	26	--	4
5	21	45	13	11-14	5
5	21	45	18	--	4
5	22	45	23	--	4
5	22	45	24	--	4
5	23	45	28	--	4
5	23	45	31	--	4
5	23	45	32	--	4
5	23	45	33	--	4
5	23	45	34	--	4
5	24	45	36	--	4
5	2	46	22	--	4
5	5	46	7	--	4
5	6	46	11	--	4
5	6	46	13	--	4
5	6	46	18	--	4
5	9	46	34	--	4
5	14	46	22	--	4
5	14	46	24	--	4
5	15	46	9	--	4
5	17	46	1	--	4
5	17	46	34	--	4
5	19	46	13	12	5
5	19	46	23	--	4
5	19	46	26	--	4
5	19	46	33	--	4
5	19	46	34	--	4
5	22	46	5	--	4
5	22	46	6	--	4
5	23	46	4	--	4
5	23	46	6	--	4
5	23	46	8	--	4
5	23	46	15	--	4
5	23	46	18	--	4
5	23	46	19	--	4
5	23	46	20	--	5
5	23	46	29	--	5
5	23	46	31	--	4
5	24	46	1	--	4
5	24	46	2	--	4
5	24	46	11	--	4
5	24	46	12	--	4
5	24	46	24	--	4
5	24	46	25	--	4
5	24	46	35	--	4
5	1	47	30	3	1
5	4	47	25	16	2
5	6	47	13	--	4
5	9	47	3	--	4
5	9	47	9	--	4
5	9	47	11	--	4
5	9	47	32	--	4
5	12	47	1	--	4
5	17	47	3	--	4
5	19	47	2	--	4
5	19	47	3	--	4
5	19	47	4	11-14	5
5	19	47	5	1-4, 6, 9-16	5
5	19	47	6	1-16	5
5	19	47	7	--	4
5	19	47	8	--	4
5	19	47	9	3, 4 8-10, 15, 16	5
5	19	47	10	--	4
5	19	47	11	3-5	5
5	19	47	15	3-6, 12, 13	5
5	19	47	16	--	4
5	19	47	17	--	4
5	19	47	18	--	4
5	19	47	19	--	4
5	19	47	20	--	4
5	19	47	21	1-7, 11-13	5
5	19	47	29	--	5
5	19	47	30	1-7, 12, 13	5
5	20	47	1	--	4
5	20	47	2	1-3, 6-16	5
5	20	47	3	15, 16	5
5	20	47	7	--	4
5	20	47	8	14, 15	5
5	20	47	9	16	5
5	20	47	10	1-3, 5-16	5
5	20	47	11	1-16	5
5	20	47	12	--	4
5	20	47	13	--	4
5	20	47	14	1-16	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	20	47	15	1-16	5
5	20	47	16	1-3, 5-16	5
5	20	47	17	--	4
5	20	47	19	1, 3-16	5
5	20	47	20	--	4
5	20	47	21	1-16	5
5	20	47	22	1-16	5
5	20	47	23	--	4
5	20	47	24	--	4
5	20	47	25	--	4
5	20	47	26	--	4
5	20	47	27	--	4
5	20	47	28	1-16	5
5	20	47	29	--	4
5	20	47	30	--	4
5	20	47	31	--	4
5	20	47	32	1-16	5
5	20	47	33	1-16	5
5	20	47	34	--	4
5	20	47	35	--	4
5	20	47	36	2-6, 12	5
5	21	47	24	5-16	5
5	21	47	25	1-16	5
5	21	47	26	1, 2, 5-16	5
5	21	47	34	9, 10, 14-16	5
5	21	47	35	--	4
5	21	47	36	--	4
5	23	47	5	--	4
5	24	47	14	--	4
5	24	47	21	--	4
5	24	47	26	--	4
5	24	47	27	--	4
5	24	47	35	--	4
5	6	48	26	--	4
5	6	48	27	--	4
5	6	48	30	--	4
5	7	48	31	--	4
5	9	48	3	--	4
5	9	48	8	--	4
5	9	48	15	--	4
5	9	48	22	--	4
5	20	48	3	3-5	5
5	20	48	4	1-8, 10-14	5
5	20	48	5	--	4
5	20	48	6	1-16	5
5	20	48	7	--	4
5	20	48	8	--	4
5	20	48	9	--	5
5	20	48	13	3,4,7,9,10,15,16	5
5	20	48	14	--	4
5	20	48	16	--	5
5	20	48	17	--	5
5	20	48	18	--	4
5	20	48	19	--	4
5	20	48	20	--	4
5	20	48	21	13	5
5	20	48	23	1, 2, 6, 7, 10, 11, 13-16	5
5	20	48	24	--	4
5	20	48	25	1-7	5
5	20	48	26	1-4	5
5	20	48	27	1-3, 5, 6, 11-13	5
5	20	48	28	4, 5, 9, 15, 16	5
5	20	48	29	1, 8-10, 14, 15	5
5	20	48	32	--	4
5	20	48	33	2, 3, 5, 6, 12	5
5	21	48	1	2-7, 11-14	5
5	21	48	2	--	4
5	21	48	3	1-4, 7-10	5
5	21	48	10	1, 8-10, 14	5
5	21	48	11	2-6	5
5	21	48	12	--	5
5	21	48	13	--	4
5	21	48	14	7-11, 13-16	5
5	21	48	15	3-6, 11-14	5
5	21	48	16	16	5
5	21	48	18	--	4
5	21	48	19	--	4
5	21	48	20	14-16	5
5	21	48	21	--	4
5	21	48	22	--	4
5	21	48	23	--	4
5	21	48	24	--	4
5	21	48	26	--	4
5	21	48	27	--	4
5	21	48	28	--	4
5	21	48	29	--	4
5	21	48	30	6-16	5
5	21	48	32	--	4
5	21	48	33	--	4
5	21	48	34	13, 14	5
5	21	48	35	9, 15, 16	5
5	21	48	36	8-10, 12-15	5
5	22	48	1	12, 13	5
5	22	48	2	1-16	5
5	22	48	3	1-4, 7-10, 16	5
5	22	48	11	1-16	5
5	22	48	12	4-6, 11-13	5
5	22	48	13	--	4
5	22	48	14	1-16	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	22	48	24	1-4, 9, 11-16	5
5	22	48	25	--	4
5	24	48	4	--	4
5	24	48	5	--	4
5	25	48	15	--	4
5	25	48	16	--	4
5	25	48	17	--	4
5	25	48	19	--	4
5	25	48	23	--	4
5	25	48	36	--	4
5	1	49	23	--	4
5	5	49	6	--	4
5	7	49	21	--	4
5	7	49	31	--	4
5	7	49	32	--	4
5	7	49	34	--	4
5	7	49	35	--	4
5	14	49	6	--	4
5	15	49	12	--	4
5	20	49	3	3-5	5
5	20	49	4	1, 2, 7, 8, 10, 11, 13, 14	5
5	20	49	5	--	4
5	20	49	6	1, 2, 6-16	5
5	20	49	7	2-6, 9-11, 13-16	5
5	20	49	8	5, 6, 12, 13	5
5	20	49	11	--	4
5	20	49	17	1-16	5
5	20	49	18	--	4
5	21	49	1	1, 2, 4, 6, 7, 12, 15, 16	5
5	21	49	2	1-5, 7-9, 11, 13-15,16	5
5	21	49	3	2, 3, 6, 7, 10, 11, 15,16	5
5	21	49	6	--	4
5	21	49	10	1, 2, 7-10, 15, 16	5
5	21	49	11	1-7, 11-14	5
5	21	49	12	--	4
5	21	49	13	1, 2, 6-16	5
5	21	49	14	--	4
5	21	49	15	--	5
5	21	49	16	--	5
5	21	49	21	--	5
5	21	49	22	--	5
5	21	49	23	--	5
5	21	49	24	3-6	5
5	21	49	25	4, 5, 11-14	5
5	21	49	26	--	5
5	21	49	27	--	5
5	21	49	28	--	5
5	21	49	36	3-7, 11-14	5
5	23	49	11	--	4
5	26	49	18	--	4
5	26	49	19	--	4
5	26	49	31	--	4
5	26	49	33	--	4
5	27	49	15	--	4
5	27	49	18	--	5
5	27	49	22	--	4
5	28	49	13	--	5
5	1	50	25	--	4
5	1	50	27	--	4
5	1	50	34	--	4
5	2	50	21	--	4
5	2	50	30	--	4
5	3	50	18	--	4
5	3	50	19	--	5
5	3	50	20	--	4
5	3	50	23	--	4
5	3	50	26	--	4
5	3	50	29	--	4
5	3	50	30	--	5
5	3	50	31	--	5
5	3	50	34	--	4
5	3	50	35	--	4
5	3	50	36	--	4
5	4	50	22	--	5
5	4	50	23	--	5
5	4	50	24	--	5
5	4	50	25	--	5
5	4	50	26	--	5
5	4	50	27	--	4
5	4	50	31	--	4
5	4	50	32	--	4
5	4	50	34	--	4
5	4	50	36	--	5
5	5	50	14	--	4
5	5	50	20	1-16	3
5	5	50	35	--	4
5	5	50	36	--	4
5	6	50	13	--	4
5	6	50	14	--	4
5	7	50	3	--	4
5	7	50	4	--	4
5	7	50	5	--	4
5	7	50	6	--	4
5	7	50	9	--	4
5	8	50	1	--	4
5	12	50	7	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	12	50	8	--	4
5	14	50	31	--	4
5	15	50	8	--	4
5	15	50	36	--	4
5	17	50	10	--	4
5	22	50	21	--	4
5	23	50	3	1-16	5
5	23	50	10	2-7, 10-12, 14-16	5
5	23	50	35	9, 10, 13-16	5
5	23	50	36	--	4
5	25	50	30	--	4
5	26	50	14	--	4
5	26	50	24	--	4
5	27	50	15	--	4
5	27	50	23	--	4
5	27	50	26	--	4
5	2	51	29	--	4
5	2	51	30	--	4
5	2	51	31	--	5
5	3	51	5	--	4
5	3	51	12	--	4
5	3	51	18	--	4
5	3	51	19	--	4
5	3	51	25	9-16	3
5	3	51	25	--	4
5	3	51	31	--	4
5	4	51	6	--	4
5	4	51	8	--	4
5	4	51	12	--	4
5	4	51	23	--	4
5	4	51	24	--	4
5	4	51	25	--	4
5	4	51	33	--	4
5	5	51	1	--	4
5	15	51	3	--	4
5	19	51	32	--	4
5	22	51	24	--	4
5	23	51	1	--	4
5	23	51	2	--	4
5	23	51	3	9-13, 16	5
5	23	51	4	15, 16	5
5	23	51	7	--	4
5	23	51	8	1-8	5
5	23	51	9	1-4	5
5	23	51	14	--	4
5	24	51	12	--	4
5	25	51	6	--	5
5	25	51	7	--	4
5	25	51	13	--	4
5	25	51	18	--	4
5	26	51	1	--	4
5	26	51	3	--	4
5	26	51	4	--	4
5	26	51	16	--	5
5	26	51	17	--	5
5	26	51	18	--	5
5	26	51	19	--	5
5	26	51	20	--	5
5	26	51	21	--	5
5	26	51	22	--	5
5	26	51	23	--	5
5	26	51	25	--	5
5	26	51	26	--	5
5	26	51	27	--	5
5	26	51	28	--	5
5	26	51	29	--	5
5	26	51	30	--	5
5	26	51	31	--	5
5	26	51	32	--	4
5	26	51	33	--	5
5	26	51	34	--	5
5	26	51	35	--	5
5	26	51	36	--	5
5	27	51	11	--	5
5	1	52	25	15	1
5	1	52	31	--	4
5	3	52	11	--	4
5	5	52	34	--	4
5	5	52	35	--	4
5	5	52	36	--	5
5	17	52	34	--	4
5	19	52	5	--	4
5	26	52	4	--	5
5	26	52	5	--	5
5	26	52	6	--	5
5	26	52	7	--	5
5	26	52	8	--	4
5	26	52	9	--	5
5	26	52	16	--	5
5	26	52	17	--	5
5	26	52	18	--	5
5	26	52	19	--	5
5	26	52	20	--	5
5	26	52	21	--	5
5	26	52	28	--	5
5	26	52	29	--	4
5	26	52	30	--	5
5	26	52	31	--	5
5	26	52	32	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	26	52	33	--	5
5	4	53	20	4	2
5	4	53	20	--	4
5	4	53	30	--	4
5	5	53	3	--	4
5	5	53	6	--	4
5	6	53	20	--	4
5	6	53	26	--	4
5	7	53	20	--	5
5	7	53	29	--	4
5	10	53	27	--	5
5	11	53	9	--	4
5	11	53	10	--	4
5	16	53	5	--	5
5	16	53	6	--	5
5	16	53	7	--	5
5	16	53	8	--	5
5	17	53	1	--	4
5	17	53	19	--	4
5	17	53	22	4	2
5	18	53	1	--	4
5	19	53	6	--	5
5	19	53	7	--	5
5	19	53	8	--	5
5	19	53	9	--	5
5	19	53	16	--	5
5	19	53	17	--	5
5	19	53	18	--	5
5	19	53	19	--	5
5	19	53	20	--	5
5	19	53	29	--	5
5	19	53	30	--	5
5	19	53	31	--	5
5	20	53	25	--	5
5	20	53	35	--	5
5	20	53	36	--	5
5	21	53	4	--	5
5	21	53	5	--	5
5	21	53	6	--	5
5	21	53	7	--	5
5	21	53	8	--	5
5	21	53	9	--	5
5	21	53	16	--	5
5	21	53	17	--	5
5	21	53	18	--	5
5	22	53	1	--	4
5	22	53	2	--	5
5	22	53	3	--	5
5	22	53	10	--	5
5	22	53	11	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	22	53	12	--	5
5	22	53	13	--	5
5	22	53	14	--	5
5	22	53	15	--	5
5	22	53	25	--	5
5	26	53	3	--	5
5	26	53	4	--	5
5	26	53	5	--	5
5	26	53	6	--	5
5	26	53	7	--	5
5	26	53	8	--	5
5	26	53	9	--	5
5	26	53	10	--	5
5	26	53	18	--	5
5	27	53	12	--	5
5	27	53	13	--	5
5	3	54	30	--	4
5	4	54	19	--	4
5	4	54	20	--	4
5	4	54	34	--	4
5	4	54	36	--	4
5	11	54	8	--	4
5	12	54	18	--	4
5	14	54	33	--	4
5	15	54	14	--	4
5	20	54	1	--	5
5	20	54	2	--	5
5	20	54	3	--	5
5	20	54	4	--	5
5	20	54	9	--	5
5	20	54	10	--	5
5	20	54	11	--	5
5	20	54	14	--	5
5	20	54	15	--	5
5	20	54	16	--	5
5	20	54	20	--	5
5	20	54	21	--	5
5	20	54	22	--	5
5	20	54	23	--	5
5	20	54	25	--	5
5	20	54	26	--	5
5	20	54	27	--	5
5	20	54	28	--	5
5	20	54	29	--	5
5	20	54	30	--	5
5	20	54	31	--	5
5	20	54	32	--	5
5	20	54	33	--	5
5	20	54	34	--	5
5	1	55	5	--	4

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
5	2	55	1	--	4
5	4	55	3	--	4
5	5	55	27	--	4
5	15	55	31	--	4
5	15	55	32	--	4
5	20	55	4	--	5
5	20	55	5	--	5
5	20	55	6	--	5
5	20	55	7	--	5
5	20	55	8	--	5
5	21	55	1	--	5
5	21	55	2	--	5
5	21	55	6	--	5
5	21	55	7	--	5
5	21	55	10	--	5
5	21	55	11	--	5
5	21	55	12	--	5
5	21	55	14	--	5
5	21	55	15	--	5
5	21	55	16	--	5
5	21	55	19	--	5
5	21	55	20	--	5
5	21	55	21	--	5
5	21	55	22	--	5
5	21	55	28	--	5
5	21	55	29	--	5
5	21	55	30	--	5
5	22	55	1	--	5
5	22	55	2	--	5
5	22	55	3	--	5
5	22	55	10	--	5
5	22	55	11	--	5
5	22	55	12	--	5
5	22	55	13	--	5
5	22	55	14	--	5
5	22	55	15	--	5
5	22	55	23	--	5
5	22	55	24	--	5
5	22	55	25	--	5
5	22	55	26	--	5
5	22	55	27	--	5
5	22	55	33	--	5
5	22	55	34	--	5
5	22	55	35	--	5
5	22	55	36	--	5
5	3	56	28	9, 10	1
5	4	56	3	5	1
5	4	56	21	--	4
5	7	56	27	--	4
5	8	56	34	--	4
5	17	56	4	--	4
5	2	57	7	9	2
5	8	57	1	--	4
5	10	57	19	1-10, 15, 16	5
5	10	57	20	11-14	5
5	10	57	33	9, 10, 15, 16	5
5	11	57	3	1-8	5
5	11	57	4	1-8	5
5	11	57	5	1, 2, 7-16	5
5	11	57	7	1-8, 11-14	5
5	11	57	11	9, 10, 15, 16	5
5	11	57	16	9-16	5
5	11	57	22	9-16	5
5	11	57	24	1, 2, 7, 8	5
5	11	57	27	3-6	5
5	11	57	33	11-14	5
5	11	57	34	9, 10, 15, 16	5
5	11	57	35	11-14	5
5	12	57	12	1-10, 15, 16	5
5	12	57	13	3-6, 11-14	5
5	12	57	14	1, 2, 7-10, 15, 16	5
5	12	57	25	9-16	5
5	12	57	33	1, 2, 7-16	5
5	12	57	35	1, 2, 7, 8, 11-14	5
5	26	57	36	--	4
5	27	57	25	--	5
5	5	58	8	--	5
5	6	58	29	--	4
5	10	58	4	1-8	5
5	10	58	5	3-6	5
5	10	58	6	1-16	5
5	10	58	7	3-6	5
5	10	58	28	1-8	5
5	10	58	31	9-16	5
5	10	58	32	9-16	5
5	10	58	33	9-16	5
5	11	58	1	9, 10, 15, 16	5
5	11	58	3	3-6, 11-14	5
5	11	58	4	1-10, 15, 16	5
5	11	58	7	11-14	5
5	11	58	9	1, 2, 7-10, 15, 16	5
5	11	58	10	3-6	5
5	11	58	12	1, 2, 7, 8	5
5	11	58	13	9, 10, 15, 16	5
5	11	58	16	1-10, 15, 16	5
5	11	58	18	1, 2, 7-10, 15, 16	5
5	11	58	19	1, 2, 7, 8	5
5	11	58	21	1, 2, 7, 8	5
5	11	58	24	1, 2, 7, 8	5
5	11	58	27	3-6, 11-14	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	12	58	3	1-8, 11-14	5
5	12	58	4	1-16	5
5	12	58	5	9-16	5
5	12	58	7	1-16	5
5	12	58	8	3-6	5
5	13	58	1	3-6	5
5	13	58	4	3-6, 11-14	5
5	13	58	5	1, 2, 7-10, 15, 16	5
5	13	58	11	9, 10, 15, 16	5
5	13	58	12	1-16	5
5	13	58	13	11-14	5
5	13	58	14	1, 2, 7, 8	5
5	13	58	19	1-16	5
5	13	58	30	1-8	5
5	14	58	3	1, 2, 7-10, 15, 16	5
5	14	58	5	11-14	5
5	14	58	6	1-10, 15, 16	5
5	14	58	8	1-10, 15, 16	5
5	14	58	9	11-14	5
5	14	58	10	1, 2, 7-10, 15, 16	5
5	14	58	14	3-6, 9-16	5
5	14	58	15	1-8, 11-14	5
5	14	58	16	1-10, 15, 16	5
5	14	58	20	11-14	5
5	14	58	22	1-10, 15, 16	5
5	14	58	23	1, 2, 7-16	5
5	14	58	24	1-16	5
5	14	58	25	3-6	5
5	14	58	26	1, 2, 7, 8	5
5	14	58	27	3-6	5
5	14	58	29	3-6	5
5	14	58	30	1, 2, 7, 8	5
5	15	58	4	1-8, 11-14	5
5	15	58	5	3-6, 11-14	5
5	15	58	6	1, 2, 7, 8	5
5	15	58	8	1, 2, 7-16	5
5	15	58	9	3-6, 11-14	5
5	15	58	16	3-6, 11-14	5
5	15	58	17	1, 2, 7, 8	5
5	15	58	20	1-8	5
5	15	58	21	1-16	5
5	15	58	25	11-14	5
5	15	58	28	1, 2, 7-16	5
5	15	58	33	1-10, 15, 16	5
5	15	58	35	9, 10, 15, 16	5
5	15	58	36	3-6, 11-14	5
5	16	58	5	1, 2, 7-10, 15, 16	5
5	16	58	6	3-6, 11-14	5
5	16	58	7	1-8	5
5	16	58	8	1-8, 11-14	5
5	16	58	9	3-6, 11-14	5
5	16	58	15	3-6	5
5	16	58	16	1-10, 15, 16	5
5	16	58	17	3-6	5
5	16	58	18	1-10, 15, 16	5
5	16	58	19	1, 2, 7-10, 15, 16	5
5	16	58	21	1, 2, 7-16	5
5	16	58	24	9-16	5
5	16	58	25	1-8	5
5	16	58	28	1, 2, 7-16	5
5	16	58	30	1, 2, 7, 8, 11-14	5
5	16	58	33	1, 2, 7-10, 15, 16	5
5	16	58	34	9-16	5
5	17	58	1	1, 2, 7, 8	5
5	17	58	2	3-6, 9-16	5
5	17	58	3	1-8	5
5	17	58	4	1, 2, 7, 8	5
5	17	58	11	1, 2, 7-10, 15, 16	5
5	17	58	14	1, 2, 7-10, 15, 16	5
5	17	58	17	11-14	5
5	17	58	18	1-10, 15, 16	5
5	17	58	20	1,2,7,8-10,15,16	5
5	17	58	21	11-14	5
5	17	58	23	1, 2, 7-10, 15, 16	5
5	17	58	26	1, 2, 7-10, 15, 16	5
5	17	58	28	3-6, 9-16	5
5	17	58	33	1, 2, 7-10, 15, 16	5
5	17	58	34	11-14	5
5	17	58	35	1, 2, 7-10, 15, 16	5
5	5	59	30	--	4
5	6	59	1	--	4
5	9	59	3	11-14	5
5	9	59	4	9-16	5
5	9	59	8	11-14	5
5	9	59	10	3-6	5
5	9	59	14	11-14	5
5	9	59	15	9-16	5
5	9	59	16	1-16	5
5	9	59	18	1, 2, 7-10, 15, 16	5
5	9	59	19	3-6, 11-14	5
5	9	59	20	9, 10, 15, 16	5
5	9	59	22	3-6, 9-16	5
5	9	59	23	1-8, 11-14	5
5	9	59	25	11-14	5
5	9	59	29	1, 2, 7-10, 15, 16	5
5	9	59	31	9-16	5
5	9	59	32	1-16	5
5	9	59	33	1-16	5
5	9	59	34	3-6, 9-16	5
5	9	59	35	1, 2, 7-16	5

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
5	9	59	36	3-6, 9-16	5
5	10	59	26	9-16	5
5	10	59	34	3-6, 9-16	5
5	10	59	35	1-16	5
5	11	59	15	3-6, 11-14	5
5	11	59	18	9, 10, 15, 16	5
5	11	59	19	9, 10, 15, 16	5
5	11	59	20	11-14	5
5	11	59	22	1, 2, 7-10, 15, 16	5
5	11	59	23	1, 2, 7, 8	5
5	11	59	25	9, 10, 15, 16	5
5	11	59	26	9, 10, 15, 16	5
5	12	59	5	1, 2, 7, 8	5
5	12	59	31	9, 10, 15, 16	5
5	12	59	32	1, 2, 7-16	5
5	12	59	33	1-16	5
5	12	59	34	9-16	5
5	12	59	35	11-14	5
5	13	59	3	9-16	5
5	13	59	8	1, 2, 7-10, 15, 16	5
5	13	59	9	3-6	5
5	13	59	10	1, 2, 7-10, 15, 16	5
5	13	59	11	11-14	5
5	13	59	14	1-10, 15, 16	5
5	13	59	15	1, 2, 7, 8	5
5	13	59	17	1, 2, 7-10, 15, 16	5
5	13	59	18	1-16	5
5	13	59	19	3-6, 11-14	5
5	13	59	29	11-14	5
5	13	59	30	3-6, 11-14	5
5	13	59	31	3-6	5
5	13	59	35	9, 10, 15, 16	5
5	14	59	3	9, 10, 15, 16	5
5	14	59	4	11-14	5
5	14	59	9	3-6, 9-16	5
5	14	59	10	1, 2, 7-10, 15, 16	5
5	14	59	11	11-14	5
5	14	59	14	3-6, 11-14	5
5	14	59	15	1-16	5
5	14	59	16	1-8	5
5	14	59	22	1, 2, 7, 8	5
5	14	59	23	1-10, 15, 16	5
5	14	59	25	11-14	5
5	14	59	26	1, 2, 7-10, 15, 16	5
5	14	59	35	1, 2, 7-16	5
5	14	59	36	1, 2, 7-16	5
5	15	59	1	1-8	5
5	15	59	2	3-6, 9-16	5
5	15	59	3	1-8	5
5	15	59	11	1-8, 11-14	5
5	15	59	12	9, 10, 15, 16	5
5	15	59	13	1-16	5
5	15	59	14	1-10, 15, 16	5
5	15	59	16	9-16	5
5	15	59	21	1, 2, 7, 8	5
5	15	59	22	3-6, 9-16	5
5	15	59	24	1-10, 15, 16	5
5	15	59	25	1, 2, 7-10, 15, 16	5
5	15	59	27	1, 2, 7-10, 15, 16	5
5	15	59	34	1, 2, 7-10, 15, 16	5
5	15	59	35	11-14	5
5	15	59	36	1-16	5
5	16	59	2	11-14	5
5	16	59	3	1, 2, 7-10, 15, 16	5
5	16	59	7	9, 10, 15, 16	5
5	16	59	8	11-14	5
5	16	59	11	3-6, 11-14	5
5	16	59	14	3-6, 11-14	5
5	16	59	15	11-14	5
5	16	59	16	9-16	5
5	16	59	17	3-6, 9-16	5
5	16	59	18	1-16	5
5	16	59	21	1-8	5
5	16	59	22	1-8	5
5	16	59	23	1-16	5
5	16	59	25	3-6, 11-14	5
5	16	59	26	1, 2, 7-10, 15, 16	5
5	16	59	33	9, 10, 15, 16	5
5	16	59	34	11-14	5
5	16	59	36	3-6, 11-14	5
5	17	59	1	1, 2, 7-16	5
5	17	59	2	1-10, 15, 16	5
5	17	59	12	1-16	5
5	17	59	13	1, 2, 7-16	5
5	17	59	14	9-16	5
5	17	59	15	9-16	5
5	3	60	24	--	4
5	3	60	31	--	5
5	3	60	32	--	5
5	3	60	33	--	5
5	4	60	35	--	5
5	4	60	36	--	5
5	6	60	1	--	4
5	9	60	2	1-16	5
5	9	60	3	1-16	5
5	9	60	4	1-16	5
5	9	60	6	1-16	5
5	10	60	1	1-16	5
5	10	60	2	--	4
5	11	60	17	1-16	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	11	60	18	1-16	5
5	11	60	19	1-16	5
5	11	60	20	1-16	5
5	11	60	29	1-16	5
5	11	60	30	1-16	5
5	11	60	31	1-16	5
5	11	60	32	1-16	5
5	12	60	1	3-6, 9-16	5
5	12	60	2	1-16	5
5	12	60	3	1-8, 11-14	5
5	12	60	4	1-16	5
5	12	60	5	1-16	5
5	12	60	6	1-16	5
5	12	60	7	1-8	5
5	12	60	9	1-16	5
5	12	60	11	1, 2, 7-16	5
5	12	60	12	1-8	5
5	12	60	14	--	4
5	12	60	16	3-6	5
5	12	60	17	1, 2, 7-16	5
5	12	60	19	1-16	5
5	12	60	20	1-16	5
5	12	60	21	3-6	5
5	12	60	25	11-14	5
5	12	60	30	1-8, 11-14	5
5	12	60	31	3-6, 9-16	5
5	12	60	32	9-16	5
5	12	60	33	--	4
5	12	60	34	1, 2, 7, 8	5
5	13	60	1	1-10, 15, 16	5
5	13	60	2	1, 2, 7, 8	5
5	13	60	4	1-16	5
5	13	60	5	9, 10, 15, 16	5
5	13	60	6	3-6	5
5	13	60	7	9-16	5
5	13	60	8	1, 2, 7-16	5
5	13	60	9	1, 2, 7-16	5
5	13	60	10	11-14	5
5	13	60	11	9-16	5
5	13	60	12	1-16	5
5	13	60	13	3-6	5
5	13	60	14	1-8	5
5	13	60	15	1-16	5
5	13	60	16	1-10, 15, 16	5
5	13	60	17	1-8, 11-14	5
5	13	60	18	1-16	5
5	13	60	19	1-8	5
5	13	60	25	1, 2, 7-10, 15, 16	5
5	13	60	30	11-14	5
5	13	60	31	1, 2, 7-10, 15, 16	5
5	13	60	32	1-16	5
5	13	60	33	3-6, 11-14	5
5	13	60	36	1-16	5
5	14	60	1	1, 2, 7-10, 15, 16	5
5	14	60	2	3-6, 11-14	5
5	14	60	3	1, 2, 7-10, 15, 16	5
5	14	60	4	11-14	5
5	14	60	7	1-16	5
5	14	60	8	1-10, 15, 16	5
5	14	60	9	1-16	5
5	14	60	10	1-16	5
5	14	60	11	1-10, 15, 16	5
5	14	60	12	1-16	5
5	14	60	13	1-10, 15, 16	5
5	14	60	15	1-8	5
5	14	60	16	1-16	5
5	14	60	19	9-16	5
5	14	60	20	1-16	5
5	14	60	21	3-6, 11-14	5
5	14	60	24	1-16	5
5	14	60	25	3-6, 9-16	5
5	14	60	26	9-16	5
5	14	60	29	3-6, 9-16	5
5	14	60	30	1, 2, 7-10, 15, 16	5
5	14	60	31	--	4
5	14	60	32	1-16	5
5	14	60	33	9, 10, 15, 16	5
5	14	60	34	1, 2, 7-10, 15, 16	5
5	14	60	35	3-6, 11-14	5
5	15	60	1	1, 2, 7-16	5
5	15	60	2	1-10, 15, 16	5
5	15	60	5	11-14	5
5	15	60	8	3-6, 9-16	5
5	15	60	9	11-14	5
5	15	60	10	1, 2, 7, 8	5
5	15	60	11	3-6, 11-14	5
5	15	60	12	1-16	5
5	15	60	13	9-16	5
5	15	60	14	3-6, 9-16	5
5	15	60	15	9-16	5
5	15	60	16	1-10, 15, 16	5
5	15	60	17	1, 2, 7-10, 15, 16	5
5	15	60	19	3-6, 9-16	5
5	15	60	20	1, 2, 7, 8	5
5	15	60	21	3-6	5
5	15	60	22	1, 2, 7, 8	5
5	15	60	23	3-6, 11-14	5
5	15	60	24	1, 2, 7-16	5
5	15	60	25	3-6, 9-16	5
5	15	60	26	1-16	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	15	60	28	3-6, 9-16	5
5	15	60	29	3-6, 9-16	5
5	15	60	30	1, 2, 7, 8	5
5	15	60	31	11-14	5
5	15	60	33	1, 2, 7-10, 15, 16	5
5	15	60	34	1-16	5
5	15	60	35	1-16	5
5	15	60	36	1-10, 15, 16	5
5	16	60	1	3-6, 11-14	5
5	16	60	3	3-6, 9-16	5
5	16	60	4	1, 2, 7, 8	5
5	16	60	10	1-10, 15, 16	5
5	16	60	11	11-14	5
5	16	60	12	3-6, 11-14	5
5	16	60	13	1-16	5
5	16	60	14	3-6, 9-16	5
5	16	60	15	1-8, 11-14	5
5	16	60	16	1-16	5
5	16	60	19	9-16	5
5	16	60	20	9-16	5
5	16	60	21	3-6, 11-14	5
5	16	60	22	1, 2, 7, 8	5
5	16	60	23	1-10, 15, 16	5
5	16	60	24	1-8	5
5	16	60	25	9, 10, 15, 16	5
5	16	60	26	1-16	5
5	16	60	27	1-16	5
5	16	60	28	3-6, 9-16	5
5	16	60	29	1-16	5
5	16	60	30	1-16	5
5	16	60	31	1-8	5
5	16	60	32	1-10, 15, 16	5
5	16	60	33	1-16	5
5	16	60	34	--	4
5	16	60	35	1-16	5
5	16	60	36	1-16	5
5	3	61	4	--	5
5	3	61	5	--	5
5	3	61	6	--	5
5	3	61	7	--	5
5	3	61	8	--	5
5	3	61	9	--	4
5	3	61	16	--	4
5	3	61	17	--	5
5	3	61	18	--	5
5	4	61	1	--	5
5	4	61	2	--	5
5	4	61	12	--	5
5	4	61	13	--	5
5	4	61	14	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	4	61	23	--	5
5	4	61	24	--	5
5	11	61	30	--	4
5	11	61	31	--	4
5	11	61	32	--	4
5	12	61	1	1, 2, 7-16	5
5	12	61	2	11-14	5
5	12	61	5	3-6, 9-16	5
5	12	61	6	1, 2, 7, 8	5
5	12	61	7	3-6, 9-16	5
5	12	61	8	1, 2, 7-10, 15, 16	5
5	12	61	9	9-16	5
5	12	61	11	1-8	5
5	12	61	12	3-6	5
5	12	61	13	1, 2, 7, 8	5
5	12	61	15	3-6, 9-16	5
5	12	61	16	1-10, 15, 16	5
5	12	61	17	1, 2, 7, 8	5
5	12	61	18	3-6	5
5	12	61	19	3-6, 11-14	5
5	12	61	21	1-8, 11-14	5
5	12	61	22	1, 2, 7-16	5
5	12	61	23	3-6, 9-16	5
5	12	61	24	--	4
5	12	61	25	--	4
5	12	61	26	1, 2, 7, 8	5
5	12	61	27	11-14	5
5	12	61	28	1-8	5
5	12	61	29	11-14	5
5	12	61	30	1-10, 15, 16	5
5	12	61	31	1, 2, 7, 8	5
5	12	61	32	1-10, 15, 16	5
5	12	61	33	1, 2, 7-16	5
5	12	61	35	9, 10, 15, 16	5
5	12	61	36	3-6	5
5	13	61	1	1-16	5
5	13	61	5	1-8, 11-14	5
5	13	61	8	1, 2, 7-10, 15, 16	5
5	13	61	9	3-6	5
5	13	61	11	1, 2, 7-16	5
5	13	61	12	3-6, 9-16	5
5	13	61	13	9-16	5
5	13	61	14	--	4
5	13	61	16	9-16	5
5	13	61	21	1-8	5
5	13	61	22	9, 10, 15, 16	5
5	13	61	23	1-8, 11-14	5
5	13	61	24	1, 2, 7, 8	5
5	13	61	25	11-14	5
5	13	61	26	3-6	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	13	61	27	1-16	5
5	13	61	28	3-6, 9-16	5
5	13	61	29	1, 2, 7-10, 15, 16	5
5	13	61	31	9-16	5
5	13	61	32	9-16	5
5	13	61	33	1-8, 11-14	5
5	13	61	34	1-16	5
5	14	61	3	1-8, 11-14	5
5	14	61	6	1-8	5
5	14	61	9	1, 2, 7-16	5
5	14	61	10	1-8	5
5	14	61	16	3-6, 11-14	5
5	14	61	17	--	5
5	14	61	19	1-16	5
5	14	61	20	3-6	5
5	14	61	21	3-6, 11-14	5
5	14	61	28	3-6	5
5	14	61	30	1, 2, 7, 8	5
5	14	61	35	1, 2, 7-10, 15, 16	5
5	14	61	36	1-16	5
5	15	61	1	1-16	5
5	15	61	3	1, 2, 7-10, 15, 16	5
5	15	61	4	1-8, 11-14	5
5	15	61	5	1-16	5
5	15	61	6	1-16	5
5	15	61	7	3-6, 9-16	5
5	15	61	8	11-14	5
5	15	61	10	1, 2, 7-16	5
5	15	61	11	9, 10, 15, 16	5
5	15	61	12	1-8, 11-14	5
5	15	61	14	3-6, 11-14	5
5	15	61	15	3-6, 9, 10, 15, 16	5
5	15	61	17	3-6, 11-14	5
5	15	61	22	1, 2, 7, 8	5
5	15	61	24	9, 10, 15, 16	5
5	15	61	25	1-16	5
5	15	61	26	9-16	5
5	15	61	32	--	4
5	15	61	34	1, 2, 7-10, 15, 16	5
5	15	61	35	3-6, 11-14	5
5	16	61	1	1-16	5
5	16	61	2	1-16	5
5	16	61	3	9-16	5
5	16	61	4	9-16	5
5	16	61	5	9-16	5
5	16	61	6	9-16	5
5	16	61	7	3-6	5
5	16	61	8	1-8	5
5	16	61	12	1, 2, 7-16	5
5	16	61	13	3-6	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	16	61	14	1-16	5
5	16	61	15	9, 10, 15, 16	5
5	16	61	22	1, 2, 7-16	5
5	16	61	27	3-6	5
5	16	61	28	1, 2, 7-10, 15, 16	5
5	16	61	31	11-14	5
5	16	61	32	9, 10, 15, 16	5
5	16	61	33	1-8, 11-14	5
5	6	62	1	6, 7, 10, 11	3
5	7	62	13	--	4
5	13	62	3	1-8, 11-14	5
5	13	62	4	1, 2, 7-16	5
5	13	62	5	1-16	5
5	13	62	8	1-16	5
5	13	62	9	3-6	5
5	13	62	18	1-16	5
5	14	62	1	3-6, 11-14	5
5	14	62	2	9, 10, 15, 16	5
5	14	62	9	--	4
5	14	62	10	1, 2, 7, 8	5
5	14	62	11	1-8	5
5	14	62	13	1, 2, 7-16	5
5	14	62	15	3-6, 11-14	5
5	14	62	16	1, 2, 7-10, 15, 16	5
5	14	62	21	1, 2, 7-16	5
5	14	62	22	1-16	5
5	14	62	23	1-8	5
5	14	62	24	3-6	5
5	14	62	28	1-8	5
5	14	62	29	1-8, 11-14	5
5	14	62	30	1-16	5
5	14	62	31	1-16	5
5	15	62	2	3-6	5
5	15	62	3	3-6	5
5	15	62	4	1-8, 11-14	5
5	15	62	5	9-16	5
5	15	62	6	9, 10, 15, 16	5
5	15	62	8	3-6	5
5	15	62	9	3-6, 11-14	5
5	15	62	15	3-6	5
5	15	62	16	3-6, 11-14	5
5	15	62	17	1, 2, 7, 8	5
5	15	62	24	1, 2, 7-10, 15, 16	5
5	15	62	25	1, 2, 7, 8	5
5	16	62	4	3-6, 11-14	5
5	16	62	5	1, 2, 7-10, 15, 16	5
5	16	62	8	1, 2, 7-16	5
5	16	62	9	3-6	5
5	16	62	17	3-6, 11-14	5
5	16	62	18	1, 2, 7-10, 15, 16	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	16	62	19	1, 2, 7, 8	5
5	16	62	20	3-6	5
5	22	62	10	--	4
5	9	63	21	--	4
5	9	63	22	--	4
5	9	63	32	--	4
5	19	63	20	--	4
5	25	63	21	--	5
5	17	64	1	--	4
5	19	64	6	13	3
5	1	65	1	--	4
5	2	65	36	--	4
5	14	65	19	9-16	5
5	14	65	26	3-6, 11-14	5
5	14	65	27	1, 2, 7-16	5
5	14	65	28	9-16	5
5	14	65	29	3-6, 9, 10, 15, 16	5
5	14	65	30	1-8, 11-14	5
5	14	65	31	1-8	5
5	14	65	35	1, 2, 7-10, 15, 16	5
5	14	65	36	3-6	5
5	15	65	1	3-6, 11-14	5
5	15	65	8	9, 10, 15, 16	5
5	15	65	9	9-16	5
5	15	65	10	1-8	5
5	15	65	11	3-6, 11-14	5
5	15	65	16	3-6	5
5	15	65	17	1-8, 11-14	5
5	15	65	18	3-6, 9-16	5
5	15	65	19	1, 2, 7-10, 15, 16	5
5	15	65	21	1, 2, 7-16	5
5	15	65	22	3-6	5
5	15	65	25	3-6, 9-16	5
5	15	65	26	1-8	5
5	15	65	27	1-16	5
5	15	65	28	1-8	5
5	15	65	29	1-8, 11-14	5
5	15	65	30	1-16	5
5	15	65	33	11-14	5
5	16	65	7	1-8	5
5	16	65	8	3-6	5
5	16	65	21	1, 2, 7-16	5
5	16	65	25	9, 10, 15, 16	5
5	16	65	28	3-6, 11-14	5
5	16	65	31	9-16	5
5	16	65	32	1-16	5
5	16	65	33	3-6, 9-16	5
5	16	65	34	1-8, 11-14	5
5	16	65	35	1-10, 15, 16	5
5	16	65	36	1-8	5
5	25	65	5	--	5
5	25	65	20	--	5
5	1	66	4	--	4
5	2	66	30	--	4
5	7	66	19	--	4
5	7	66	24	--	4
5	14	66	2	3-6, 9, 10, 15, 16	5
5	14	66	3	1-8	5
5	14	66	4	1, 2, 7, 8	5
5	14	66	5	9, 10, 15, 16	5
5	14	66	12	9-16	5
5	14	66	14	1-10, 15, 16	5
5	14	66	15	1-16	5
5	14	66	17	3-6	5
5	14	66	18	3-6, 9-16	5
5	14	66	19	1-8	5
5	14	66	20	1-16	5
5	14	66	21	1-8, 11-14	5
5	14	66	22	3-6	5
5	14	66	23	1, 2, 7, 8	5
5	14	66	30	9-16	5
5	14	66	31	1-8	5
5	15	66	3	3-6	5
5	15	66	4	1-8	5
5	15	66	5	1-8	5
5	15	66	6	1, 2, 7-16	5
5	15	66	7	3-6	5
5	15	66	11	9, 10, 15, 16	5
5	15	66	12	11-14	5
5	15	66	13	9, 10, 15, 16	5
5	15	66	14	1-8	5
5	15	66	15	1, 2, 7-16	5
5	15	66	16	9, 10, 15, 16	5
5	15	66	19	9, 10, 15, 16	5
5	15	66	20	9-16	5
5	15	66	21	1-8, 11-14	5
5	15	66	22	3-6	5
5	15	66	23	9, 10, 15, 16	5
5	15	66	24	1-8, 11-14	5
5	15	66	25	9-16	5
5	15	66	26	3-6, 9-16	5
5	15	66	27	1-8, 11-14	5
5	15	66	28	9, 10, 15, 16	5
5	15	66	30	1-8, 11-14	5
5	15	66	32	9, 10, 15, 16	5
5	15	66	33	1-16	5
5	15	66	34	9-16	5
5	15	66	35	11-14	5
5	16	66	7	3-6, 9-16	5
5	16	66	12	9-16	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	16	66	14	1-8, 11-14	5
5	16	66	15	9-16	5
5	16	66	16	1, 2, 7-16	5
5	16	66	17	9-16	5
5	16	66	18	1-16	5
5	16	66	19	1-8, 11-14	5
5	16	66	20	1-10, 15, 16	5
5	16	66	21	3-6, 9-16	5
5	16	66	25	1, 2, 7-16	5
5	16	66	26	3-6, 9-16	5
5	16	66	27	1-16	5
5	16	66	28	1, 2, 7, 8	5
5	2	67	18	--	4
5	2	67	21	--	4
5	3	67	10	--	4
5	10	67	9	--	5
5	10	67	11	--	5
5	10	67	16	--	4
5	10	67	17	--	4
5	24	67	21	--	5
5	8	68	28	--	4
5	8	68	29	--	4
5	8	68	32	--	4
5	10	68	3	--	5
5	10	68	4	--	5
5	10	68	9	--	5
5	10	68	21	--	5
5	10	68	23	--	5
5	10	68	26	--	5
5	10	68	29	--	5
5	26	68	23	--	4
5	22	69	25	--	5
5	22	69	36	--	5
5	19	70	35	--	4
5	21	70	5	--	5
5	21	70	6	--	5
5	21	70	7	--	5
5	21	70	8	--	5
5	21	70	15	--	5
5	21	70	16	--	5
5	21	70	17	--	5
5	21	70	18	--	5
5	21	70	20	--	5
5	21	70	21	--	5
5	21	70	22	--	5
5	21	70	27	--	5
5	21	70	28	--	5
5	21	70	33	--	5
5	21	70	34	--	5
5	22	70	1	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	23	70	19	4	2
5	26	70	1	--	5
5	26	70	2	--	5
5	26	70	10	--	5
5	26	70	15	--	5
5	26	70	21	--	5
5	26	70	22	--	5
5	26	70	28	--	5
5	26	70	33	--	5
5	27	70	25	--	5
5	27	70	26	--	5
5	27	70	35	--	5
5	27	70	36	--	5
5	1	71	26	--	4
5	16	71	10	--	4
5	17	71	15	--	4
5	20	71	18	--	5
5	20	71	19	--	5
5	20	71	30	--	5
5	20	71	31	--	5
5	21	71	2	--	5
5	21	71	3	--	5
5	21	71	10	--	5
5	21	71	11	--	5
5	21	71	12	--	5
5	21	71	13	--	5
5	21	71	14	--	5
5	21	71	15	--	5
5	21	71	23	--	5
5	21	71	24	--	5
5	21	71	25	--	5
5	21	71	36	--	5
5	24	71	1	--	4
5	24	71	2	--	4
5	24	71	5	--	4
5	26	71	3	--	5
5	26	71	6	--	5
5	26	71	7	--	5
5	26	71	8	--	5
5	26	71	9	--	5
5	26	71	10	--	5
5	26	71	18	--	5
5	26	71	19	--	5
5	26	71	23	--	4
5	26	71	29	--	5
5	26	71	30	--	5
5	26	71	32	--	5
5	26	71	33	--	5
5	3	72	32	--	5
5	8	72	7	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	8	72	8	--	4
5	9	72	4	--	4
5	9	72	5	--	4
5	9	72	8	--	4
5	9	72	32	--	4
5	17	72	3	--	5
5	17	72	9	--	5
5	17	72	10	--	5
5	17	72	15	--	5
5	17	72	16	--	5
5	17	72	21	--	5
5	17	72	22	--	5
5	20	72	6	--	5
5	20	72	7	--	5
5	20	72	8	--	5
5	20	72	16	--	5
5	20	72	17	--	5
5	20	72	20	--	5
5	20	72	21	--	5
5	20	72	22	--	5
5	20	72	26	--	5
5	20	72	27	--	5
5	20	72	28	--	5
5	20	72	34	--	5
5	20	72	35	--	5
5	20	72	36	--	5
5	21	72	1	--	5
5	25	72	7	--	5
5	26	72	1	--	5
5	26	72	2	--	5
5	26	72	3	--	5
5	26	72	4	--	4
5	26	72	10	--	5
5	26	72	12	--	5
5	26	72	18	--	4
5	27	72	12	--	5
5	1	73	15	--	4
5	5	73	5	--	5
5	5	73	6	--	5
5	5	73	7	--	5
5	5	73	8	--	4
5	5	73	17	--	4
5	5	73	18	--	5
5	5	73	19	--	5
5	5	73	20	--	5
5	5	73	29	--	5
5	5	73	30	--	5
5	5	73	31	--	5
5	5	73	32	--	5
5	6	73	1	--	5
5	6	73	12	--	5
5	6	73	14	--	5
5	6	73	15	--	5
5	6	73	18	--	5
5	6	73	19	--	5
5	6	73	23	--	5
5	6	73	25	6	1
5	6	73	36	--	5
5	7	73	23	--	5
5	7	73	24	--	5
5	7	73	26	--	5
5	7	73	27	--	5
5	7	73	28	--	5
5	7	73	31	--	5
5	7	73	32	--	5
5	7	73	33	--	5
5	8	73	31	--	5
5	8	73	35	--	5
5	8	73	36	--	5
5	9	73	31	--	5
5	9	73	32	--	5
5	9	73	33	--	5
5	9	73	34	--	5
5	9	73	35	--	5
5	9	73	36	--	5
5	10	73	19	--	5
5	10	73	30	--	5
5	10	73	32	--	5
5	11	73	13	--	5
5	11	73	14	--	5
5	11	73	15	--	4
5	11	73	16	--	5
5	11	73	17	--	5
5	11	73	18	--	5
5	11	73	24	--	5
5	11	73	31	--	5
5	11	73	32	--	5
5	13	73	34	--	5
5	19	73	30	--	5
5	19	73	31	--	5
5	20	73	1	--	5
5	20	73	2	--	5
5	20	73	3	--	5
5	20	73	11	--	5
5	20	73	12	--	5
5	20	73	13	--	5
5	20	73	14	--	5
5	20	73	23	--	5
5	20	73	24	--	5
5	20	73	25	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	20	73	26	--	5
5	20	73	35	--	5
5	20	73	36	--	5
5	24	73	5	--	5
5	24	73	6	--	5
5	24	73	7	--	5
5	25	73	13	--	5
5	25	73	24	--	5
5	25	73	26	--	5
5	25	73	27	--	5
5	25	73	28	--	5
5	25	73	29	--	5
5	25	73	30	--	5
5	25	73	31	--	5
5	26	73	34	--	5
5	26	73	35	--	5
5	26	73	36	--	5
5	5	74	6	--	5
5	6	74	1	--	5
5	6	74	11	--	5
5	6	74	12	--	5
5	6	74	14	--	5
5	6	74	22	--	5
5	6	74	23	--	5
5	6	74	27	--	5
5	6	74	28	--	5
5	6	74	33	--	5
5	8	74	1	--	5
5	8	74	2	--	4
5	8	74	3	--	5
5	8	74	4	--	5
5	8	74	5	--	5
5	8	74	6	--	5
5	8	74	8	--	5
5	8	74	9	--	5
5	8	74	10	--	5
5	9	74	4	--	5
5	9	74	5	--	5
5	9	74	9	--	5
5	10	74	2	--	5
5	10	74	3	--	5
5	10	74	4	--	5
5	10	74	5	--	5
5	10	74	9	--	5
5	10	74	10	--	5
5	10	74	14	--	5
5	10	74	15	--	5
5	10	74	22	--	5
5	10	74	23	--	5
5	10	74	24	--	5
5	11	74	5	--	5
5	11	74	6	--	5
5	12	74	1	--	5
5	13	74	3	--	5
5	13	74	4	--	5
5	13	74	7	--	5
5	13	74	8	--	5
5	13	74	9	--	5
5	13	74	17	--	5
5	13	74	18	--	5
5	14	74	12	--	4
5	14	74	13	--	5
5	14	74	14	--	5
5	14	74	24	--	5
5	14	74	26	--	5
5	19	74	6	--	5
5	19	74	7	--	5
5	19	74	29	--	4
5	20	74	1	--	5
5	20	74	2	--	5
5	20	74	11	--	5
5	20	74	12	--	5
5	20	74	13	--	5
5	20	74	14	--	5
5	20	74	15	--	5
5	20	74	19	--	5
5	20	74	20	--	5
5	20	74	21	--	5
5	20	74	22	--	5
5	20	74	23	--	5
5	20	74	24	--	5
5	20	74	25	--	5
5	20	74	26	--	5
5	20	74	27	--	5
5	20	74	28	--	5
5	20	74	29	--	5
5	20	74	30	--	5
5	21	74	23	--	5
5	21	74	24	--	5
5	21	74	25	--	5
5	21	74	26	--	5
5	21	74	27	--	5
5	21	74	28	--	5
5	21	74	32	--	5
5	21	74	33	--	5
5	21	74	34	--	5
5	21	74	35	--	5
5	21	74	36	--	5
5	26	74	3	--	5
5	26	74	4	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	26	74	9	--	5
5	26	74	16	--	5
5	26	74	19	--	5
5	26	74	20	--	5
5	26	74	21	--	5
5	26	74	27	--	5
5	26	74	30	--	5
5	26	74	31	--	5
5	26	74	32	--	5
5	26	74	34	--	5
5	6	75	4	--	4
5	6	75	5	--	4
5	6	75	7	--	5
5	6	75	8	--	5
5	6	75	18	--	4
5	6	75	19	--	4
5	7	75	24	--	5
5	7	75	25	--	4
5	7	75	26	--	5
5	7	75	27	--	5
5	7	75	28	--	5
5	7	75	29	--	5
5	7	75	30	--	5
5	7	75	31	--	5
5	7	75	32	--	5
5	7	75	33	--	5
5	7	75	34	--	5
5	8	75	25	--	5
5	8	75	26	--	5
5	8	75	27	--	5
5	8	75	28	--	4
5	8	75	29	--	5
5	8	75	30	--	5
5	8	75	32	--	5
5	8	75	33	--	5
5	8	75	34	--	5
5	9	75	7	--	5
5	9	75	8	--	5
5	9	75	16	--	5
5	9	75	17	--	5
5	9	75	21	--	5
5	9	75	22	--	5
5	9	75	23	--	5
5	9	75	24	--	5
5	9	75	25	--	5
5	10	75	7	--	4
5	10	75	8	--	5
5	10	75	10	--	5
5	10	75	11	--	5
5	10	75	12	--	5
5	10	75	13	--	5
5	10	75	14	--	5
5	10	75	15	--	5
5	10	75	16	--	5
5	10	75	17	--	5
5	10	75	18	--	5
5	11	75	12	--	4
5	11	75	13	--	4
5	11	75	14	--	5
5	11	75	15	--	5
5	11	75	16	--	4
5	11	75	17	--	5
5	11	75	18	--	5
5	11	75	19	--	5
5	12	75	13	--	5
5	12	75	19	--	4
5	12	75	20	--	5
5	12	75	21	--	5
5	12	75	22	--	5
5	12	75	23	--	5
5	12	75	24	--	5
5	13	75	7	--	4
5	13	75	17	--	4
5	13	75	18	--	5
5	13	75	19	--	5
5	13	75	20	--	4
5	13	75	21	--	4
5	13	75	22	--	4
5	13	75	23	--	5
5	13	75	24	--	4
5	14	75	7	--	4
5	14	75	11	--	4
5	14	75	12	--	4
5	14	75	13	--	5
5	14	75	14	--	5
5	14	75	15	--	5
5	14	75	16	--	5
5	14	75	19	14	1
5	14	75	19	3-6, 11-13	3
5	14	75	19	--	5
5	14	75	20	--	5
5	14	75	21	--	5
5	14	75	29	--	5
5	14	75	30	--	5
5	14	75	31	10	1
5	14	75	31	--	4
5	14	75	32	--	5
5	15	75	23	--	5
5	15	75	24	--	5
5	15	75	25	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	15	75	26	--	5
5	15	75	35	--	5
5	15	75	36	--	5
5	17	75	34	--	4
5	17	75	36	--	4
5	21	75	2	--	5
5	21	75	3	--	5
5	21	75	4	--	5
5	21	75	5	--	5
5	21	75	6	--	5
5	21	75	7	--	5
5	21	75	8	--	4
5	21	75	9	--	5
5	21	75	10	--	5
5	21	75	17	--	5
5	21	75	18	--	5
5	21	75	19	--	5
5	21	75	20	--	5
5	21	75	29	--	5
5	21	75	30	--	5
5	21	75	31	--	5
5	22	75	1	--	5
5	22	75	2	--	5
5	22	75	11	--	5
5	22	75	12	--	5
5	22	75	13	--	5
5	22	75	14	--	5
5	22	75	23	--	5
5	22	75	24	--	5
5	22	75	25	--	5
5	22	75	26	--	5
5	22	75	34	--	5
5	22	75	35	--	5
5	22	75	36	--	5
5	26	75	3	--	5
5	26	75	4	--	5
5	4	76	26	--	4
5	9	76	13	--	5
5	9	76	18	--	5
5	9	76	25	--	5
5	9	76	26	--	5
5	14	76	5	--	5
5	14	76	6	--	5
5	14	76	7	--	5
5	14	76	8	--	5
5	14	76	17	--	5
5	14	76	18	--	5
5	15	76	1	--	5
5	15	76	2	--	5
5	15	76	11	--	5
5	15	76	12	--	5
5	15	76	13	--	4
5	15	76	14	--	5
5	15	76	22	--	5
5	15	76	23	--	5
5	15	76	24	--	5
5	16	76	12	--	4
5	16	76	28	--	4
5	17	76	3	--	5
5	17	76	4	--	5
5	17	76	5	--	5
5	17	76	7	--	5
5	17	76	8	--	5
5	17	76	18	--	5
5	17	76	19	--	5
5	17	76	21	--	4
5	17	76	30	--	5
5	17	76	31	--	5
5	18	76	20	--	5
5	18	76	21	--	5
5	18	76	22	--	5
5	18	76	23	--	5
5	18	76	24	--	4
5	18	76	25	--	5
5	18	76	26	--	5
5	18	76	29	--	5
5	18	76	30	--	5
5	18	76	31	--	5
5	18	76	35	--	5
5	18	76	36	--	5
5	19	76	36	--	5
5	22	76	1	--	5
5	22	76	2	--	5
5	22	76	3	--	5
5	22	76	4	--	5
5	22	76	7	--	5
5	22	76	8	--	5
5	22	76	9	--	5
5	22	76	10	--	5
5	22	76	11	--	5
5	22	76	12	--	5
5	22	76	15	--	5
5	22	76	16	--	5
5	22	76	17	--	5
5	22	76	18	--	5
5	22	76	19	--	5
5	22	76	20	--	4
5	22	76	21	--	5
5	22	76	22	--	5
5	22	76	26	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	22	76	27	--	5
5	22	76	28	--	5
5	22	76	29	--	5
5	22	76	30	--	5
5	23	76	1	--	5
5	23	76	12	--	5
5	23	76	13	--	5
5	23	76	14	--	5
5	23	76	15	--	5
5	23	76	16	--	5
5	23	76	19	--	5
5	23	76	20	--	5
5	23	76	21	--	5
5	23	76	22	--	5
5	23	76	23	--	5
5	23	76	24	--	5
5	23	76	26	--	5
5	23	76	27	--	5
5	23	76	28	--	5
5	23	76	29	--	5
5	23	76	30	--	5
5	23	76	31	--	5
5	23	76	32	--	5
5	23	76	33	--	5
5	17	77	5	--	5
5	17	77	6	--	5
5	17	77	8	--	4
5	17	77	9	--	5
5	17	77	17	--	5
5	17	77	20	--	5
5	18	77	2	--	5
5	18	77	4	--	5
5	18	77	5	--	5
5	18	77	6	--	5
5	18	77	7	--	5
5	18	77	8	--	5
5	18	77	9	--	5
5	18	77	10	--	5
5	18	77	11	--	5
5	18	77	14	--	5
5	18	77	15	--	5
5	18	77	16	--	5
5	18	77	21	--	5
5	18	77	22	--	5
5	19	77	1	--	5
5	19	77	2	--	5
5	19	77	10	--	5
5	19	77	11	--	5
5	19	77	12	--	5
5	19	77	13	--	5
5	19	77	14	--	5
5	19	77	15	--	5
5	19	77	22	--	5
5	19	77	23	--	5
5	19	77	24	--	5
5	21	77	27	11-14	2
5	23	77	5	--	5
5	23	77	6	--	5
5	23	77	7	--	5
5	23	77	8	--	5
5	23	77	17	--	5
5	23	77	18	--	5
5	23	77	19	--	5
5	24	77	1	--	5
5	24	77	2	--	5
5	24	77	3	--	5
5	24	77	8	--	5
5	24	77	9	--	5
5	24	77	10	--	5
5	24	77	11	--	5
5	24	77	12	--	5
5	24	77	13	--	5
5	24	77	14	--	5
5	24	77	15	--	5
5	24	77	16	--	5
5	24	77	17	--	5
5	24	77	18	--	5
5	24	77	19	--	5
5	24	77	20	--	5
5	24	77	21	--	5
5	24	77	22	--	5
5	24	77	23	--	5
5	24	77	24	--	5
5	24	77	25	--	5
5	24	77	26	--	5
5	24	77	27	--	5
5	24	77	28	--	5
5	24	77	29	--	5
5	24	77	30	--	5
5	24	77	31	--	4
5	24	77	32	--	4
5	24	77	33	--	5
5	24	77	34	--	5
5	24	77	35	--	5
5	24	77	36	--	5
5	20	78	9	--	4
5	20	78	15	--	4
5	20	78	16	--	4
5	23	78	30	--	5
5	23	78	31	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	23	78	32	--	5
5	24	78	2	--	5
5	24	78	3	--	5
5	24	78	4	--	5
5	24	78	9	--	5
5	24	78	10	--	5
5	24	78	14	--	5
5	24	78	15	--	5
5	24	78	16	--	5
5	24	78	22	--	5
5	24	78	23	--	5
5	24	78	25	--	5
5	24	78	26	--	5
5	23	79	3	--	5
5	23	79	4	--	5
5	23	79	9	--	5
5	23	79	10	--	5
5	23	79	14	--	5
5	23	79	15	--	5
5	23	79	16	--	5
5	23	79	22	--	5
5	23	79	23	--	5
5	23	79	27	--	5
5	23	79	34	--	5
5	23	79	35	--	5
5	23	80	2	--	5
5	23	80	11	--	5
5	23	80	14	--	5
5	23	80	16	--	5
5	23	80	21	--	5
5	25	80	29	--	5
5	25	80	30	--	5
5	25	80	32	--	5
5	25	80	33	--	5
5	26	80	23	--	5
5	26	80	24	--	5
5	26	80	25	--	5
5	26	80	35	--	5
5	26	80	36	--	5
5	11	81	12	--	5
5	11	81	13	--	5
5	11	81	34	--	5
5	20	81	14	--	5
5	20	81	19	--	5
5	20	81	20	--	5
5	20	81	21	--	5
5	20	81	22	--	5
5	20	81	23	--	5
5	20	81	28	--	5
5	20	81	29	--	5
5	20	81	30	--	5
5	21	81	25	--	5
5	21	81	36	--	5
5	22	81	30	--	4
5	24	81	19	--	5
5	24	81	28	--	5
5	24	81	29	--	5
5	24	81	30	--	5
5	24	81	33	--	5
5	24	81	34	--	5
5	25	81	4	--	5
5	25	81	6	--	5
5	25	81	7	--	5
5	25	81	9	--	5
5	25	81	10	--	5
5	25	81	11	--	5
5	25	81	13	--	5
5	25	81	14	--	5
5	25	81	24	--	5
5	26	81	2	--	5
5	26	81	3	--	5
5	26	81	12	--	5
5	26	81	13	--	5
5	22	82	34	--	4
5	23	82	11	--	4
5	23	82	25	11	3
5	23	82	26	--	4
5	23	82	35	5, 11-14	1
5	23	82	36	7-10, 15, 16	1
5	10	83	11	--	5
5	12	83	24	--	5
5	13	83	19	--	5
5	13	83	23	--	5
5	21	83	19	--	4
5	21	83	30	--	5
5	21	83	32	5	1
5	22	83	5	3, 4	1
5	22	83	11	3, 4	1
5	22	83	22	--	4
5	19	85	20	--	5
5	19	85	21	--	5
5	19	85	22	--	5
5	19	85	29	--	5
5	19	85	30	--	5
5	19	85	32	--	5
5	20	85	15	--	5
5	20	85	22	--	5
5	20	85	23	--	5
5	20	85	26	--	5
5	20	85	27	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
5	20	85	35	--	5
5	20	85	36	--	5
5	21	85	12	--	4
5	21	85	13	--	4
5	14	86	9	--	4
5	14	86	10	--	4
5	18	86	31	--	5
5	18	86	32	--	5
5	18	86	35	--	5
5	19	86	36	--	5
5	20	86	2	--	5
5	20	86	11	--	5
5	20	86	13	--	5
5	20	86	14	--	5
5	20	86	23	--	5
5	20	86	24	--	5
5	22	86	19	--	5
5	22	86	20	--	5
5	22	86	28	--	5
5	22	86	29	--	5
5	22	86	33	--	5
5	23	86	4	--	5
5	23	86	9	--	5
5	23	86	14	--	5
5	23	86	15	--	5
5	23	86	16	--	5
5	23	86	17	--	5
5	23	86	23	--	5
5	23	86	24	--	5
5	4	87	20	--	4
5	17	87	1	--	5
5	17	87	2	--	5
5	17	87	3	--	5
5	17	87	4	--	5
5	17	87	5	--	5
5	17	87	6	--	5
5	17	87	7	--	5
5	17	87	8	--	5
5	18	87	1	--	5
5	18	87	2	--	5
5	18	87	3	--	5
5	18	87	4	--	5
5	18	87	11	--	5
5	18	87	12	--	5
5	19	87	1	--	5
5	19	87	2	--	5
5	19	87	3	--	5
5	19	87	8	--	5
5	19	87	9	--	5
5	19	87	10	--	5
5	20	87	10	9, 10, 15, 16	3
5	20	87	26	--	4
5	20	87	27	--	4
5	4	88	15	--	4
5	4	88	17	--	4
5	4	88	20	--	4
5	4	89	6	--	4
5	7	89	12	--	4
5	9	89	29	--	4
5	18	89	7	--	5
5	18	89	17	--	5
5	18	89	21	--	5
5	18	89	27	--	5
5	18	89	34	--	5
5	19	89	1	--	5
5	19	89	2	--	5
5	19	89	3	--	5
5	6	90	11	--	4
5	23	90	28	13	1
5	23	91	28	9	2
5	25	91	13	--	5
5	25	91	14	--	5
5	25	91	15	--	5
5	25	91	19	--	5
5	25	91	20	--	5
5	25	91	21	--	5
5	25	91	22	--	5
5	25	91	23	--	5
5	25	91	26	--	5
5	25	91	27	--	5
5	25	91	28	--	5
5	25	91	29	--	5
5	25	91	30	--	5
5	23	92	27	--	4
5	23	92	34	--	4
5	3	93	19	--	5
5	3	94	4	--	4
5	20	94	15	--	4
5	22	94	6	13, 14	3
5	22	94	7	3-6	3
5	17	95	32	--	4
5	20	95	34	--	4
5	20	95	35	11-14	3
5	20	95	35	--	4
5	18	105	5	3-6	3
5	18	105	5	--	4
5	16	106	28	--	4
5	19	106	19	--	4
5	19	106	27	--	4
5	19	106	28	--	4

Mer	*Rge*	*Twp*	*Sec*	*LSD(s)*	*HRV*
5	19	106	29	--	4
5	19	106	30	--	4
5	19	106	34	--	4
5	19	106	35	--	4
5	20	106	4	--	4
5	20	106	5	--	4
5	20	106	9	--	4
5	20	106	10	--	4
5	20	106	14	--	4
5	20	106	15	--	4
5	20	106	23	--	4
5	20	106	24	--	4
5	18	107	6	--	4
5	18	107	8	--	4
5	18	107	9	--	4
5	18	107	15	--	4
5	18	107	16	--	4
5	18	107	22	--	4
5	18	107	27	--	4
5	18	107	35	--	4
5	19	107	1	--	4
5	5	108	28	16	3
5	5	108	28	--	4
5	5	108	33	1-16	3
5	12	108	19	13, 14	2
5	13	108	24	7	2
5	13	108	25	11-14	3
5	13	108	26	9, 10, 15, 16	3
5	13	108	29	--	4
5	13	108	30	--	5
5	14	108	10	7, 9, 10, 15, 16	2
5	12	109	9	--	4
5	12	109	13	--	4
5	12	109	14	--	4
5	15	109	36	--	4
5	14	110	33	--	4
5	19	110	15	--	4
5	8	114	26	--	4
5	8	114	34	--	4
5	3	115	9	--	4
5	3	115	10	--	4
5	3	115	15	--	4
5	3	115	16	--	4
5	5	115	21	--	4
5	5	115	22	--	4
5	5	115	27	--	4
5	5	115	28	--	4
5	8	115	17	--	4

W6M

Mer	Rge	Twp	Sec	LSD(s)	HRV
6	1	45	7	--	4
6	1	45	16	2	1
6	3	45	14	--	4
6	1	46	23	--	4
6	1	46	28	--	4
6	1	46	33	--	5
6	1	47	17	--	5
6	1	47	20	--	5
6	1	48	24	--	5
6	1	48	36	15	3
6	1	51	3	--	5
6	1	51	10	--	5
6	3	51	2	--	5
6	3	51	4	--	5
6	3	51	6	--	5
6	3	51	22	--	5
6	6	51	26	--	4
6	6	51	34	--	4
6	1	52	23	--	4
6	2	52	10	--	4
6	6	52	18	--	4
6	11	52	31	--	4
6	3	55	11	--	5
6	3	55	12	--	5
6	3	55	13	--	5
6	3	55	14	--	5
6	3	55	23	--	4
6	3	55	24	--	5
6	3	55	25	--	5
6	3	55	26	--	5
6	10	55	24	--	4
6	10	55	25	--	4
6	8	56	19	--	4
6	8	56	23	--	4
6	8	56	24	--	4
6	8	56	25	--	4
6	8	56	26	--	4
6	8	56	27	--	4
6	8	56	35	--	4
6	9	56	2	--	4
6	9	56	16	--	5
6	9	56	17	--	5
6	9	56	20	--	5
6	9	56	21	--	5
6	9	56	29	--	5
6	9	56	30	--	5
6	9	56	31	--	5
6	9	56	32	--	5
6	10	56	2	--	5
6	10	56	3	--	5
6	10	56	7	--	5
6	10	56	8	--	5
6	10	56	9	--	5
6	10	56	10	--	5
6	10	56	16	--	5
6	10	56	17	--	5
6	10	56	18	--	5
6	10	56	19	--	5
6	10	56	20	--	5
6	10	56	21	--	5
6	10	56	22	--	5
6	10	56	23	--	5
6	10	56	24	--	5
6	10	56	25	--	5
6	10	56	26	--	5
6	10	56	27	--	5
6	10	56	28	--	5
6	10	56	32	--	5
6	10	56	33	--	5
6	10	56	34	--	5
6	10	56	35	--	5
6	4	57	6	--	5
6	4	57	7	12	2
6	4	57	7	--	4
6	5	57	12	--	5
6	5	57	16	--	4
6	6	57	15	--	4
6	7	57	7	--	4
6	7	57	23	--	4
6	8	57	1	--	4
6	8	57	2	--	4
6	8	57	12	--	4
6	8	57	31	--	5
6	9	57	7	--	5
6	9	57	36	--	5
6	10	57	19	--	5
6	12	57	12	--	5
6	12	57	14	--	5
6	12	57	23	--	5
6	12	57	28	--	5
6	12	57	29	--	5
6	12	57	31	--	5
6	13	57	1	--	5
6	13	57	19	--	5
6	13	57	30	--	5
6	7	58	31	--	4
6	8	58	13	--	4
6	8	58	19	9, 10, 15, 16	3
6	8	58	20	11-14	3
6	8	58	30	1-8	3

Mer	Rge	Twp	Sec	LSD(s)	HRV
6	9	58	13	9-16	3
6	9	58	14	9-16	3
6	9	58	15	4-16	3
6	9	58	16	1-3, 5-16	3
6	9	58	17	7-16	3
6	9	58	18	14-16	3
6	9	58	19	1-16	3
6	9	58	20	1-16	3
6	9	58	21	1-16	3
6	9	58	22	1-8, 11-14	3
6	9	58	23	1-16	3
6	9	58	24	1-8, 11-14	3
6	9	58	26	1-8	3
6	9	58	27	3-6	3
6	9	58	28	1-8, 11-14	3
6	9	58	29	1-16	3
6	9	58	30	1-16	3
6	9	58	31	1-16	3
6	9	58	32	1-16	3
6	10	58	7	--	5
6	10	58	24	7-11, 13-16	3
6	10	58	36	9, 10, 15, 16	3
6	7	59	4	--	4
6	7	59	5	--	4
6	9	59	6	1-8	3
6	10	59	1	1-16	3
6	12	59	32	--	5
6	12	59	33	--	5
6	12	59	34	--	5
6	4	60	28	--	4
6	12	60	3	--	5
6	12	60	5	--	4
6	13	60	1	--	5
6	13	60	11	--	5
6	13	60	12	--	5
6	13	60	13	--	5
6	13	60	14	--	5
6	9	61	15	--	4
6	13	61	11	--	5
6	13	61	27	--	4
6	2	62	31	--	5
6	3	62	32	--	5
6	3	62	33	--	5
6	3	62	34	--	5
6	3	62	35	--	5
6	3	62	36	--	5
6	10	62	21	--	4
6	2	63	6	--	4
6	2	63	7	--	5
6	2	63	18	--	5
6	2	63	19	--	5
6	2	63	30	--	5
6	3	63	1	--	5
6	3	63	2	--	5
6	3	63	3	--	5
6	3	63	4	--	5
6	3	63	5	--	5
6	3	63	8	--	5
6	3	63	9	--	5
6	3	63	10	--	5
6	3	63	11	--	5
6	3	63	12	--	5
6	3	63	13	--	5
6	3	63	14	--	5
6	3	63	15	--	5
6	3	63	16	--	5
6	3	63	21	--	5
6	3	63	22	--	5
6	3	63	23	--	5
6	3	63	24	--	5
6	3	63	25	--	5
6	3	63	26	--	5
6	3	63	27	--	5
6	3	63	28	--	5
6	1	64	31	--	4
6	2	64	12	--	4
6	5	64	22	--	4
6	5	64	23	--	4
6	5	64	24	--	4
6	11	64	16	--	4
6	2	65	16	--	4
6	6	66	28	--	4
6	11	66	24	--	4
6	9	67	15	--	5
6	11	67	2	--	5
6	4	68	19	--	5
6	1	69	26	--	5
6	1	69	27	--	5
6	1	69	34	--	5
6	1	69	35	--	5
6	3	69	27	--	5
6	3	69	28	--	5
6	3	69	33	--	5
6	3	69	34	--	5
6	6	69	22	--	4
6	9	69	29	--	4
6	9	69	30	--	4
6	9	69	31	--	4
6	9	69	32	--	4
6	9	69	33	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
6	10	69	25	--	4
6	10	69	26	--	4
6	10	69	27	--	4
6	10	69	28	--	4
6	10	69	34	--	4
6	10	69	35	--	4
6	10	69	36	--	4
6	11	69	14	1-16	3
6	1	70	2	--	5
6	1	70	3	--	5
6	1	70	10	--	5
6	1	70	11	--	5
6	1	70	14	--	5
6	1	70	15	--	5
6	1	70	22	--	5
6	1	70	23	--	5
6	1	70	25	--	5
6	1	70	31	--	5
6	1	70	32	--	5
6	2	70	18	--	5
6	2	70	19	--	5
6	2	70	20	--	5
6	2	70	29	--	5
6	2	70	32	--	5
6	3	70	2	--	5
6	3	70	11	--	5
6	3	70	12	--	5
6	3	70	13	--	5
6	3	70	31	--	5
6	3	70	32	--	5
6	3	70	33	--	5
6	3	70	34	--	5
6	4	70	16	--	5
6	4	70	17	--	5
6	4	70	18	--	5
6	4	70	19	--	5
6	4	70	20	--	5
6	4	70	21	--	5
6	4	70	22	--	5
6	4	70	25	--	5
6	4	70	26	--	5
6	4	70	27	--	5
6	4	70	28	--	5
6	4	70	29	--	5
6	4	70	30	--	5
6	4	70	34	--	5
6	4	70	35	--	4
6	4	70	36	--	5
6	5	70	13	--	5
6	5	70	14	--	5
6	5	70	15	--	5
6	5	70	16	--	5
6	5	70	17	--	5
6	5	70	19	--	5
6	5	70	20	--	5
6	5	70	21	--	5
6	5	70	22	--	5
6	5	70	23	--	5
6	5	70	24	--	5
6	5	70	29	--	5
6	5	70	30	--	5
6	6	70	13	--	4
6	6	70	14	--	4
6	6	70	15	--	4
6	6	70	16	--	4
6	6	70	17	--	4
6	6	70	18	--	4
6	6	70	19	--	4
6	6	70	20	--	4
6	6	70	21	--	4
6	6	70	22	--	4
6	6	70	23	--	4
6	6	70	24	--	4
6	6	70	25	--	4
6	6	70	26	--	4
6	7	70	7	--	4
6	7	70	13	--	4
6	7	70	14	--	4
6	7	70	15	--	4
6	7	70	16	--	4
6	7	70	17	--	4
6	7	70	22	--	4
6	7	70	23	--	4
6	7	70	24	--	4
6	8	70	6	--	4
6	8	70	7	--	4
6	8	70	8	--	4
6	8	70	9	--	4
6	8	70	10	--	4
6	8	70	11	--	4
6	8	70	12	--	4
6	8	70	14	--	4
6	8	70	15	--	4
6	8	70	16	--	4
6	8	70	17	--	4
6	8	70	21	--	4
6	8	70	22	--	4
6	8	70	23	--	4
6	8	70	27	--	4
6	8	70	28	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
6	8	70	29	--	4
6	8	70	32	--	4
6	8	70	33	--	4
6	9	70	1	--	4
6	9	70	2	--	4
6	9	70	3	--	4
6	9	70	4	--	4
6	9	70	5	--	4
6	9	70	6	--	4
6	9	70	7	--	4
6	9	70	8	--	4
6	9	70	9	--	4
6	9	70	10	--	4
6	9	70	11	--	4
6	9	70	12	--	4
6	9	70	14	--	4
6	9	70	18	--	4
6	9	70	19	--	4
6	9	70	29	--	4
6	9	70	30	--	4
6	9	70	32	--	4
6	10	70	9	--	4
6	10	70	13	--	4
6	10	70	14	--	4
6	10	70	15	--	4
6	10	70	16	--	4
6	10	70	17	--	4
6	10	70	18	--	4
6	10	70	19	--	4
6	10	70	20	--	4
6	10	70	21	--	4
6	10	70	22	--	4
6	11	70	9	--	4
6	11	70	19	--	4
6	11	70	20	--	4
6	11	70	21	--	4
6	11	70	22	--	4
6	11	70	23	--	4
6	11	70	24	--	4
6	11	70	25	--	4
6	11	70	26	--	4
6	11	70	27	--	4
6	11	70	28	--	4
6	11	70	29	--	4
6	11	70	30	--	4
6	11	70	33	--	4
6	12	70	18	--	4
6	12	70	19	--	4
6	12	70	20	--	4
6	12	70	21	--	4
6	12	70	22	--	4
6	12	70	23	--	4
6	12	70	24	--	4
6	12	70	25	--	4
6	13	70	7	--	4
6	13	70	8	--	4
6	13	70	9	--	4
6	13	70	10	--	4
6	13	70	11	--	4
6	13	70	13	--	4
6	13	70	14	--	5
6	13	70	16	--	5
6	13	70	17	--	5
6	13	70	18	--	4
6	13	70	24	--	4
6	14	70	12	--	5
6	1	71	1	--	5
6	1	71	2	--	5
6	1	71	3	--	5
6	1	71	4	--	5
6	1	71	5	--	5
6	1	71	6	--	5
6	1	71	11	--	5
6	1	71	13	--	5
6	1	71	14	--	5
6	1	71	23	--	5
6	1	71	24	--	5
6	1	71	26	--	5
6	1	71	35	--	5
6	2	71	1	--	5
6	2	71	2	--	5
6	2	71	5	--	5
6	2	71	7	--	5
6	2	71	8	--	5
6	2	71	11	--	5
6	2	71	12	--	5
6	2	71	15	--	5
6	2	71	16	--	5
6	2	71	17	11-14	2
6	2	71	17	5, 6, 10, 15	3
6	2	71	17	--	5
6	2	71	18	--	5
6	2	71	20	2	3
6	2	71	20	--	5
6	2	71	21	--	5
6	2	71	27	--	5
6	2	71	28	--	5
6	2	71	31	--	5
6	2	71	32	--	5
6	2	71	33	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
6	2	71	34	--	5
6	3	71	3	--	5
6	3	71	4	--	5
6	3	71	5	--	5
6	3	71	6	--	5
6	3	71	8	--	5
6	3	71	9	--	5
6	3	71	10	--	5
6	3	71	11	--	5
6	3	71	12	--	5
6	3	71	13	--	5
6	3	71	14	--	5
6	3	71	15	--	5
6	3	71	19	--	4
6	3	71	21	--	5
6	3	71	22	--	5
6	3	71	28	--	5
6	4	71	2	--	5
6	4	71	3	--	5
6	4	71	4	--	5
6	4	71	5	--	5
6	4	71	8	--	5
6	4	71	9	--	5
6	4	71	17	--	5
6	4	71	18	--	5
6	4	71	19	--	5
6	5	71	3	--	5
6	5	71	4	--	5
6	5	71	5	--	5
6	5	71	6	--	5
6	5	71	7	--	5
6	5	71	8	--	5
6	5	71	9	--	5
6	5	71	10	--	5
6	5	71	11	--	5
6	5	71	12	--	5
6	5	71	13	--	5
6	5	71	16	--	4
6	5	71	24	--	5
6	6	71	1	--	5
6	6	71	11	--	5
6	6	71	12	--	5
6	6	71	25	3-6	1
6	6	71	26	--	4
6	7	71	31	--	4
6	8	71	2	--	4
6	8	71	17	--	4
6	8	71	30	--	4
6	8	71	31	--	4
6	9	71	5	--	5
6	9	71	8	--	5
6	9	71	17	--	5
6	9	71	18	--	5
6	10	71	13	--	5
6	10	71	23	--	5
6	10	71	24	--	5
6	10	71	26	--	5
6	10	71	33	--	5
6	10	71	34	--	5
6	10	71	35	--	4
6	11	71	18	--	4
6	1	72	2	--	5
6	1	72	3	--	5
6	1	72	12	--	5
6	1	72	13	--	4
6	2	72	4	--	5
6	2	72	5	--	5
6	2	72	6	--	5
6	2	72	7	--	5
6	2	72	8	--	5
6	2	72	9	--	5
6	2	72	16	--	5
6	2	72	17	--	5
6	2	72	18	--	5
6	2	72	19	--	5
6	2	72	20	--	5
6	2	72	21	--	5
6	2	72	29	--	5
6	2	72	30	--	5
6	2	72	31	--	5
6	2	72	32	--	5
6	5	72	24	--	4
6	7	72	14	--	4
6	8	72	1	--	4
6	8	72	2	--	4
6	8	72	6	--	4
6	8	72	22	9, 10, 15, 16	1
6	9	72	16	--	4
6	9	72	17	--	4
6	10	72	2	7	2
6	10	72	4	--	5
6	10	72	9	--	5
6	10	72	16	--	5
6	10	72	20	--	5
6	2	73	5	--	5
6	2	73	6	--	5
6	2	73	7	--	5
6	2	73	8	--	5
6	2	73	17	--	5
6	2	73	18	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
6	2	73	19	--	5
6	2	73	20	--	5
6	2	73	21	--	5
6	2	73	26	--	4
6	2	73	27	--	4
6	2	73	28	--	5
6	2	73	29	--	5
6	2	73	30	--	5
6	2	73	31	--	5
6	2	73	32	--	5
6	2	73	33	--	4
6	2	73	34	--	5
6	3	73	27	--	5
6	3	73	28	--	5
6	3	73	32	--	5
6	3	73	33	--	5
6	3	73	34	--	5
6	3	73	35	--	5
6	3	73	36	--	5
6	6	73	20	--	4
6	6	73	25	3-7	2
6	6	73	34	--	4
6	8	73	33	--	4
6	10	73	6	--	5
6	10	73	30	9, 10, 15, 16	2
6	1	74	25	--	5
6	1	74	26	--	5
6	1	74	27	--	5
6	1	74	28	--	5
6	2	74	3	--	5
6	2	74	4	--	5
6	2	74	5	--	4
6	2	74	9	--	5
6	2	74	10	--	5
6	2	74	15	--	5
6	2	74	16	--	5
6	3	74	3	--	5
6	3	74	5	--	5
6	3	74	8	--	5
6	3	74	10	--	5
6	3	74	17	--	5
6	4	74	3	--	4
6	4	74	4	--	4
6	4	74	5	--	4
6	4	74	31	--	5
6	5	74	2	--	4
6	5	74	9	--	4
6	5	74	10	--	4
6	5	74	14	--	4
6	5	74	25	--	5
6	5	74	26	--	5
6	5	74	27	--	5
6	5	74	28	--	5
6	5	74	32	--	4
6	5	74	33	--	5
6	5	74	36	--	5
6	6	74	3	--	4
6	6	74	19	--	4
6	6	74	22	--	4
6	6	74	23	--	4
6	8	74	33	--	4
6	9	74	18	4	1
6	10	74	13	3-6	1
6	1	75	18	--	5
6	2	75	25	--	5
6	2	75	34	--	4
6	2	75	35	--	5
6	2	75	36	--	5
6	3	75	19	--	5
6	3	75	30	--	5
6	3	75	36	--	5
6	4	75	4	--	5
6	4	75	5	--	5
6	4	75	6	--	5
6	4	75	9	--	5
6	4	75	14	--	5
6	4	75	15	--	5
6	4	75	16	--	5
6	4	75	23	--	5
6	4	75	24	--	5
6	4	75	25	--	5
6	4	75	26	--	5
6	4	75	27	--	5
6	4	75	36	--	5
6	6	75	31	--	5
6	6	75	34	--	5
6	7	75	18	--	4
6	7	75	25	--	5
6	7	75	29	--	4
6	7	75	34	--	5
6	7	75	36	--	5
6	8	75	6	--	4
6	8	75	10	--	4
6	9	75	8	--	4
6	10	75	9	--	4
6	2	76	2	--	5
6	2	76	3	--	5
6	2	76	4	--	5
6	2	76	5	--	5
6	2	76	7	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
6	2	76	8	--	5
6	2	76	9	--	5
6	2	76	10	--	4
6	2	76	17	--	5
6	2	76	18	--	5
6	2	76	27	--	5
6	3	76	1	--	5
6	3	76	27	--	5
6	3	76	28	--	5
6	4	76	27	--	4
6	5	76	8	--	4
6	5	76	16	--	4
6	5	76	20	--	4
6	5	76	21	--	4
6	5	76	29	--	4
6	6	76	3	--	5
6	6	76	6	--	5
6	6	76	7	--	5
6	6	76	12	--	4
6	6	76	26	--	4
6	6	76	27	--	4
6	7	76	3	--	5
6	7	76	7	--	5
6	7	76	8	--	4
6	7	76	10	--	4
6	7	76	15	--	5
6	7	76	16	--	5
6	7	76	17	--	5
6	7	76	18	--	5
6	7	76	19	--	5
6	8	76	20	--	5
6	8	76	21	--	5
6	8	76	22	--	5
6	8	76	23	--	5
6	8	76	24	--	5
6	2	77	30	--	4
6	6	77	20	--	4
6	3	78	27	--	5
6	3	78	35	--	5
6	4	78	13	--	4
6	6	78	21	1-16	3
6	8	78	14	--	4
6	8	78	27	--	4
6	12	78	10	--	4
6	13	78	32	--	4
6	1	79	19	--	5
6	1	79	20	--	5
6	1	79	21	--	5
6	1	79	22	--	5
6	1	79	30	--	5
6	1	79	31	--	5
6	2	79	7	--	5
6	2	79	8	--	5
6	2	79	14	--	5
6	2	79	15	--	5
6	2	79	16	--	5
6	2	79	17	--	5
6	2	79	23	--	5
6	2	79	24	--	5
6	3	79	2	--	5
6	3	79	3	--	5
6	3	79	11	--	5
6	3	79	12	--	5
6	3	79	31	--	5
6	3	79	32	--	5
6	3	79	33	--	5
6	3	79	34	--	5
6	5	79	19	--	5
6	5	79	23	--	5
6	5	79	25	--	5
6	5	79	26	--	5
6	5	79	29	--	5
6	5	79	30	--	5
6	5	79	31	--	5
6	5	79	32	--	5
6	5	79	33	--	5
6	5	79	36	--	5
6	6	79	14	--	4
6	13	79	4	--	4
6	13	79	5	--	4
6	13	79	32	--	5
6	13	79	33	--	5
6	1	80	1	--	5
6	1	80	2	--	5
6	1	80	3	--	5
6	1	80	4	--	5
6	1	80	5	--	5
6	1	80	6	--	5
6	1	80	7	--	5
6	1	80	8	--	5
6	1	80	9	--	5
6	1	80	10	--	5
6	1	80	11	--	5
6	1	80	12	--	5
6	1	80	18	--	5
6	1	80	19	--	5
6	2	80	4	--	5
6	2	80	5	--	5
6	2	80	7	--	5
6	2	80	8	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
6	2	80	9	--	5
6	2	80	10	--	5
6	2	80	11	--	5
6	2	80	12	--	5
6	2	80	13	--	5
6	2	80	16	--	5
6	2	80	18	--	5
6	2	80	19	--	5
6	2	80	20	--	5
6	2	80	21	--	5
6	2	80	24	--	5
6	2	80	25	--	5
6	2	80	36	--	5
6	3	80	3	--	5
6	3	80	4	--	5
6	3	80	5	--	5
6	3	80	6	--	4
6	3	80	7	--	5
6	3	80	8	--	5
6	3	80	9	--	5
6	3	80	10	--	5
6	3	80	11	--	5
6	3	80	12	--	5
6	3	80	13	--	5
6	3	80	15	--	5
6	3	80	24	--	5
6	4	80	1	--	5
6	4	80	2	--	5
6	4	80	7	9, 15, 16	1
6	4	80	7	1, 2, 7, 8, 10	3
6	4	80	7	--	4
6	4	80	8	9-16	3
6	4	80	8	--	4
6	4	80	9	--	5
6	4	80	10	--	5
6	4	80	11	--	5
6	4	80	12	--	5
6	4	80	13	--	4
6	4	80	14	--	5
6	4	80	15	--	5
6	4	80	16	--	5
6	4	80	18	--	4
6	4	80	19	--	5
6	4	80	22	--	5
6	4	80	23	--	5
6	4	80	26	--	5
6	4	80	27	--	5
6	4	80	30	--	5
6	4	80	31	--	5
6	5	80	1	--	5
6	5	80	2	--	5
6	5	80	3	--	5
6	5	80	4	--	5
6	5	80	11	--	5
6	5	80	12	--	5
6	5	80	13	--	5
6	5	80	14	--	5
6	5	80	15	--	4
6	5	80	16	--	5
6	5	80	17	--	5
6	5	80	18	--	5
6	5	80	19	--	4
6	5	80	20	--	5
6	6	80	23	--	5
6	6	80	24	--	5
6	6	80	25	--	5
6	6	80	26	--	5
6	6	80	31	--	5
6	6	80	35	--	5
6	8	80	17	--	4
6	13	80	4	--	5
6	13	80	9	--	5
6	13	80	10	--	5
6	13	80	11	--	5
6	13	80	14	--	5
6	13	80	23	--	5
6	13	80	26	--	5
6	13	80	35	--	5
6	13	80	36	--	5
6	2	81	1	--	5
6	2	81	12	--	5
6	3	81	16	--	4
6	4	81	5	--	5
6	4	81	6	--	5
6	4	81	7	--	5
6	4	81	8	--	5
6	4	81	17	--	5
6	4	81	18	--	5
6	4	81	19	--	5
6	4	81	20	--	5
6	5	81	24	--	5
6	5	81	25	--	5
6	5	81	35	--	5
6	5	81	36	--	5
6	6	81	2	--	4
6	6	81	4	--	4
6	6	81	5	--	4
6	6	81	6	--	4
6	6	81	7	--	4
6	6	81	9	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
6	6	81	11	--	4
6	6	81	14	--	4
6	6	81	15	--	4
6	6	81	16	--	4
6	6	81	20	--	4
6	6	81	21	--	4
6	6	81	29	--	4
6	6	81	30	--	4
6	6	81	31	--	4
6	6	81	32	--	4
6	7	81	25	--	4
6	7	81	26	--	4
6	7	81	27	--	4
6	7	81	28	--	4
6	7	81	33	--	4
6	7	81	34	--	4
6	12	81	7	--	4
6	12	81	8	--	4
6	12	81	17	--	4
6	12	81	20	--	4
6	12	81	27	--	4
6	12	81	28	--	4
6	12	81	29	--	4
6	12	81	30	--	4
6	12	81	31	--	4
6	13	81	1	--	4
6	13	81	9	--	4
6	13	81	10	--	4
6	13	81	11	--	4
6	13	81	12	--	4
6	13	81	36	--	4
6	5	82	2	--	5
6	5	82	3	--	5
6	5	82	9	--	5
6	5	82	10	--	5
6	5	82	16	--	5
6	5	82	17	--	5
6	5	82	18	--	5
6	5	82	20	--	5
6	5	82	29	--	5
6	5	82	30	--	5
6	5	82	31	--	5
6	6	82	5	--	4
6	6	82	8	--	4
6	6	82	9	--	4
6	6	82	16	--	4
6	6	82	19	--	4
6	6	82	29	--	4
6	6	82	32	--	4
6	8	82	7	--	4
6	11	82	8	--	5
6	11	82	9	--	5
6	11	82	17	--	5
6	11	82	20	--	5
6	11	82	29	--	5
6	11	82	31	--	5
6	11	82	32	--	5
6	11	82	33	--	5
6	11	82	34	--	5
6	11	82	35	--	5
6	12	82	19	--	4
6	12	82	20	--	4
6	12	82	21	--	4
6	12	82	28	--	4
6	12	82	29	--	4
6	12	82	30	--	4
6	12	82	31	--	4
6	12	82	32	--	4
6	12	82	33	--	4
6	13	82	1	--	4
6	13	82	2	--	4
6	13	82	11	--	4
6	13	82	12	--	4
6	13	82	13	--	4
6	13	82	14	--	4
6	13	82	21	--	4
6	13	82	22	--	4
6	13	82	23	--	4
6	13	82	24	--	4
6	13	82	27	--	4
6	13	82	29	--	4
6	13	82	33	--	4
6	13	82	34	--	4
6	13	82	35	--	4
6	13	82	36	--	4
6	5	83	5	--	5
6	5	83	8	--	5
6	5	83	9	--	5
6	5	83	15	--	5
6	5	83	16	--	5
6	6	83	7	--	5
6	6	83	18	--	5
6	6	83	19	--	5
6	6	83	28	--	5
6	6	83	29	--	5
6	6	83	30	--	5
6	6	83	31	--	4
6	6	83	33	--	5
6	7	83	13	--	4
6	8	83	26	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
6	8	83	27	--	4
6	8	83	32	--	4
6	8	83	33	--	4
6	8	83	34	--	4
6	9	83	11	--	5
6	9	83	12	--	5
6	9	83	19	--	4
6	9	83	20	--	4
6	9	83	26	--	4
6	9	83	27	--	4
6	9	83	28	--	4
6	9	83	29	--	4
6	9	83	31	--	4
6	9	83	32	--	4
6	9	83	35	--	4
6	9	83	36	--	4
6	10	83	6	--	5
6	10	83	7	--	5
6	10	83	8	--	5
6	10	83	16	--	5
6	10	83	17	--	5
6	10	83	19	--	5
6	10	83	20	--	5
6	10	83	21	--	5
6	10	83	22	--	5
6	10	83	23	--	5
6	10	83	24	--	5
6	10	83	25	--	5
6	10	83	29	--	5
6	10	83	30	--	5
6	10	83	32	--	5
6	10	83	33	--	5
6	10	83	34	--	5
6	10	83	35	--	4
6	11	83	1	--	5
6	11	83	3	--	4
6	11	83	4	--	5
6	11	83	5	--	4
6	11	83	6	--	5
6	11	83	7	--	4
6	11	83	8	--	4
6	11	83	9	--	5
6	11	83	10	--	5
6	11	83	11	--	5
6	11	83	12	--	4
6	11	83	13	--	5
6	11	83	16	--	5
6	11	83	17	--	5
6	11	83	18	--	4
6	11	83	20	--	5
6	11	83	21	--	5
6	11	83	28	--	5
6	11	83	29	--	5
6	11	83	32	--	5
6	11	83	33	--	5
6	12	83	1	--	5
6	12	83	2	--	5
6	12	83	3	--	4
6	12	83	4	--	5
6	12	83	10	--	5
6	12	83	11	--	4
6	12	83	12	--	5
6	13	83	3	--	5
6	13	83	4	--	5
6	6	84	3	--	5
6	6	84	4	--	5
6	6	84	5	--	5
6	6	84	7	--	4
6	6	84	8	--	5
6	6	84	9	--	5
6	6	84	10	--	5
6	6	84	15	--	4
6	6	84	16	--	4
6	6	84	17	--	4
6	6	84	18	--	4
6	6	84	21	--	5
6	6	84	22	--	5
6	6	84	27	--	5
6	6	84	28	--	5
6	6	84	33	--	5
6	6	84	34	--	5
6	6	84	35	--	5
6	6	84	36	--	5
6	7	84	12	--	4
6	7	84	13	--	4
6	7	84	14	--	4
6	7	84	15	--	5
6	7	84	16	--	5
6	7	84	17	--	5
6	7	84	18	--	5
6	8	84	5	--	4
6	8	84	6	--	4
6	8	84	8	--	4
6	8	84	9	--	4
6	8	84	10	--	4
6	8	84	11	--	4
6	8	84	12	--	4
6	8	84	14	--	4
6	8	84	15	--	4
6	8	84	18	--	4

Mer	Rge	Twp	Sec	LSD(s)	HRV
6	8	84	19	--	4
6	8	84	20	--	4
6	8	84	21	--	4
6	8	84	24	--	4
6	8	84	25	--	5
6	8	84	26	--	4
6	8	84	27	--	4
6	8	84	28	--	5
6	8	84	34	--	4
6	8	84	35	--	4
6	8	84	36	--	4
6	9	84	1	--	4
6	9	84	3	--	4
6	9	84	4	--	4
6	9	84	5	--	4
6	9	84	6	--	4
6	9	84	9	--	4
6	9	84	10	--	4
6	9	84	11	--	5
6	9	84	13	--	4
6	9	84	14	--	4
6	10	84	1	--	5
6	10	84	2	--	5
6	11	84	4	--	5
6	11	84	5	--	5
6	11	84	8	--	5
6	11	84	9	--	5
6	11	84	16	--	5
6	11	84	17	--	5
6	11	84	20	--	5
6	11	84	21	--	5
6	11	84	28	--	5
6	11	84	29	--	5
6	11	84	32	--	5
6	11	84	33	--	5
6	6	85	4	--	5
6	7	85	35	--	5
6	10	85	14	--	5
6	10	85	15	--	5
6	10	85	16	--	5
6	10	85	17	--	5
6	10	85	18	--	5
6	10	85	19	--	5
6	10	85	20	--	5
6	10	85	21	--	5
6	10	85	22	--	5
6	10	85	23	--	5
6	10	85	25	--	5
6	10	85	26	--	5
6	10	85	27	--	5
6	10	85	34	--	5
6	10	85	35	--	5
6	10	85	36	--	5
6	11	85	4	--	5
6	11	85	5	--	5
6	11	85	8	--	5
6	11	85	9	--	5
6	11	85	10	--	5
6	11	85	13	--	5
6	11	85	14	--	5
6	11	85	15	--	5
6	11	85	16	--	5
6	11	85	17	--	5
6	11	85	21	--	5
6	11	85	22	--	5
6	11	85	23	--	5
6	11	85	24	--	5
6	11	85	27	--	5
6	7	86	3	--	5
6	7	86	4	--	5
6	7	86	7	--	5
6	7	86	8	--	5
6	7	86	9	--	5
6	8	86	12	--	5
6	8	86	13	--	5
6	8	86	14	--	5
6	8	86	18	--	5
6	8	86	19	--	5
6	8	86	20	--	5
6	8	86	21	--	5
6	8	86	22	--	5
6	8	86	27	--	5
6	8	86	29	--	5
6	9	86	2	--	5
6	9	86	3	--	5
6	9	86	4	--	5
6	9	86	5	--	5
6	9	86	6	--	5
6	9	86	11	--	5
6	9	86	12	--	5
6	9	86	13	--	5
6	9	86	23	--	5
6	9	86	24	--	5
6	10	86	1	--	5
6	10	86	2	--	5
6	10	86	3	--	5
6	10	86	10	--	5
6	10	86	11	--	5
6	10	86	15	--	5
6	10	86	22	--	5

Mer	Rge	Twp	Sec	LSD(s)	HRV
6	10	86	27	--	5
6	10	86	28	--	5
6	10	86	29	--	5
6	10	86	30	--	5
6	10	86	31	--	5
6	10	86	32	--	5
6	10	86	33	--	5
6	11	86	21	--	5
6	11	86	22	--	5
6	11	86	25	--	5
6	11	86	26	--	5
6	11	86	27	--	5
6	11	86	36	--	5
6	10	87	4	--	5
6	10	87	9	--	5
6	11	87	1	--	5
6	8	88	33	--	5
6	8	88	34	--	5
6	9	88	29	--	5
6	9	88	32	--	5
6	9	88	33	--	5
6	9	88	34	--	5
6	6	89	10	--	5
6	6	89	11	--	5
6	6	89	14	--	5
6	6	89	15	--	5
6	1	90	31	--	5
6	2	90	19	--	5
6	2	90	35	--	5
6	2	90	36	--	5
6	1	91	6	--	5
6	1	91	7	--	5
6	1	91	18	--	5
6	1	91	19	--	5
6	1	91	20	--	5
6	1	91	21	--	5
6	1	91	22	--	5
6	1	91	24	--	5
6	1	91	25	--	5
6	1	91	26	--	5
6	1	91	27	--	5
6	1	91	30	--	5
6	2	91	16	--	5
6	2	91	17	--	5
6	2	91	18	--	5
6	2	91	21	--	5
6	2	91	22	--	5
6	2	91	23	--	5
6	2	91	24	--	5
6	2	91	25	--	5
6	3	91	13	--	5
6	3	91	22	--	5
6	3	91	23	--	5
6	3	91	24	--	5
6	3	91	27	--	5
6	3	91	28	--	5
6	3	91	29	--	5
6	3	91	31	--	5
6	3	91	32	--	5
6	4	92	1	--	5
6	4	92	2	--	5
6	4	92	3	--	5
6	4	92	4	--	5
6	4	92	12	--	5
6	4	92	14	--	5
6	4	92	15	--	5
6	4	92	21	--	5
6	4	92	22	--	5
6	6	92	21	--	5
6	6	92	22	--	5
6	4	93	4	--	5
6	4	93	6	--	5
6	4	93	9	--	5
6	12	94	19	--	4
6	12	96	26	--	4
6	12	96	27	--	4
6	12	96	30	--	4
6	13	96	26	--	4
6	5	97	4	--	4
6	12	100	15	--	4
6	12	100	16	--	4
6	12	100	21	--	4
6	9	109	6	--	4
6	10	109	1	--	4
6	10	109	6	--	4
6	4	123	15	--	4
6	1	126	10	--	4

DISCUSSION
PAPER

APPENDIX I

LISTING OF SIGNIFICANT HISTORICAL SITES AND AREAS
(FOURTH EDITION)

DISCUSSION PAPER

APPENDIX I

LISTING OF SIGNIFICANT HISTORICAL SITES AND AREAS
(FOURTH EDITION)

DISCUSSION PAPER

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 THE HISTORICAL RESOURCES MANAGEMENT PROGRAM 1

3.0 THE *LISTING OF SIGNIFICANT HISTORICAL SITES AND AREAS* 1

4.0 HISTORICAL RESOURCE VALUE 2

- 4.1 Relationship between historic site area and described land parcel. . 2
- 4.2 Some sections have more than one historical resource value. . 2

5.0 THE FIRST PHASE OF THE PROGRAM 4

- 5.1 Historical Resource Value “1” lands. 4
- 5.2 Historical Resource Value “2” lands. 4
- 5.3 Historical Resource Value “3” lands. 5

6.0 THE SECOND PHASE OF THE PROGRAM 5

- 6.1 Historical Resource Value “4” lands. 5
- 6.2 Historical Resource Value “5” lands. 5

7.0 NON-ROUTINE AND ROUTINE APPLICATIONS 6

- 7.1 Non-routine applications. 6
- 7.2 Routine applications. 6

8.0 WHEN TO USE THE LISTING 7

- 8.1 Geophysical survey programs. 7
- 8.2 Small scale projects 7
  - 8.2.1 EUB Well Licencing Application process. . . . 7
  - 8.2.2 Siting Information Report, Area Operating Agreement & Environmental Field Report 9
  - 8.2.2.1 Condition 637. 9

9.0 LAND STATUS AUTOMATED SYSTEM 10

9.1 Reservations/Notations for HRV “1” and “2” lands. 10
9.2 Reservations/Notations for HRV “3” lands. 10
9.3 Reservations/Notations for HRV “4” lands. 10
9.4 Reservations/Notations for HRV “5” lands. 11

10.0 PILOT STUDIES 11

10.1 White Area Pilot Study. 11
10.2 Cultural and Historical Resources Sub-Group 12

11.0 HISTORICAL RESOURCES IMPACT ASSESSMENTS 12

11.1 Reporting the results of a Historical Resources Impact Assessment. . 13
11.2 *Historical Resources Act* requirements after clearance has been granted. 13

12.0 APPLICATION FOR *HISTORICAL RESOURCES ACT* CLEARANCE 13

13.0 HISTORICAL RESOURCES OVERVIEWS 14

13.1 When to and when not to submit a Historical Resources Overview. . 14
13.2 The contents and format of a Historical Resources Overview. . 15
13.3 Multiple Activity Programs. 15
13.3.1 Manyberries Badlands Environmentally Significant and Sensitive Area. 16

14.0 CONCLUSIONS 16

TABLES

TABLE 4.1 COMPARISON BETWEEN HISTORICAL RESOURCE VALUE, SENSITIVITY AND LIKELY REQUIREMENTS 3

TABLE 4.2 SITES AND LANDS ASSIGNED TO EACH OF THE HISTORICAL RESOURCE VALUES 4

TABLE 8.1 HISTORICAL RESOURCE MANAGEMENT PROGRAM FOR THE PETROLEUM AND NATURAL GAS INDUSTRY 8

APPENDIX I

LISTING OF SIGNIFICANT HISTORICAL SITES AND AREAS
(FOURTH EDITION)

DISCUSSION PAPER

1.0 INTRODUCTION

The *Historical Resources Act* ("*HRA*") empowers the Minister of Alberta Community Development to order anyone undertaking land development activities to carry out an assessment to determine the effect of the activity on historical resources, to prepare and submit a report discussing the results of the assessment, and to undertake further salvage, preservative or protective measures. The *HRA* also provides the Minister with the authority of the "Right of Entry" to make surveys or inspect historic resources, issue "Temporary Stop Work Order(s)" to require the cessation of activities, require other approving authorities to withhold or suspend licences, permits or consents. Any person who contravenes the *HRA*, regulations or a direction of the Minister, is guilty of an offence and may be liable to a fine of not more than $50,000 or to imprisonment for a term of not more than one year or to both fine and imprisonment.

2.0 THE HISTORICAL RESOURCES MANAGEMENT PROGRAM

Theoretically, all land surface disturbance activities associated with the petroleum and natural gas industry are subject to the provisions of the *Historical Resources Act.* However, the division within Alberta Community Development that is responsible for the HRA, the Cultural Facilities and Historical Resources Division ("CFHRD"), has developed an approach, which focuses upon those land surface disturbance activities that are targeted for lands that possess known historic resources and/or topographic features which possess high potential for the presence of historical resources. The underlying philosophy of the program is that the CFHRD should become involved in the review of activities when an activity will or is likely to impact historical resources. The current historical resources management program ("program") for the petroleum and natural gas industry and the phased approach that has been taken to implement the program are discussed within the *Cultural Resource Management of the Energy Industry: New Perspectives and Partnerships* report ("*New Perspectives and Partnerships* report"), Appendix 2 of the Alberta Energy and Utilities Board's ("EUB's") *Guide 56: Energy Development Application Guide and Appendices*, and previous editions of the *Listing of Significant Historical Sites and Areas.*

3.0 *THE LISTING OF SIGNIFICANT HISTORICAL SITES AND AREAS*

The *Listing of Significant Historical Sites and Areas* ("listing") is the cornerstone in the program for the conventional petroleum and natural gas industry, and the 4th edition of the listing is the key reference document in regulating well site leases and their associated access roads. During 2003, discussions will be undertaken to ensure that the listing also formally becomes the key reference document in the regulation of several other types of petroleum and natural gas industry activities, including Class II pipelines, compressor stations, gas processing facilities, geophysical survey programs, petroleum and natural gas batteries. The major focus of the 4th edition is the incremental implementation of the second phase of the program and the need to complete additional pilot studies to identify the most efficient and effective processes and procedures for fully implementing the second phase of the program.

4.0 HISTORICAL RESOURCE VALUE

Prior to reviewing the phases of the program it is necessary to discuss one of the main components of the listing - historical resource value ("HRV"). The HRV is a useful tool in determining the level of historical resource sensitivity and possible surface access restrictions. Each historical resource and the land parcel upon which it is located are assigned a historical resource value, ranging from "1" to "5". Table 4.1 provides a comparison between historical resource value, historical resource sensitivity, and likely *Historical Resources Act* requirements, while Table 4.2 quantifies the amount of land on the 4th edition to which each of the five (5) historical resource values has been assigned.

4.1 Relationship between historic site area and described land parcel

The boundaries of historical resources rarely conform to the boundaries of the square land parcels (i.e. section, ¼ section, legal subdivision) that have used to survey and divide the Province's rural land base. In many cases, the site area associated with the historical resource does not encompass the entire area of the land parcel. For example, the Coronation Boundary Marker is a designated Provincial Historic Resource. The designated lands include 0.25 acres in LSD 4 of Section 6, Township 35, Range 10, W4M. Within the 4th edition of the listing, the historical resource value of "1" has been assigned to the entire 40 acres that are encompassed by LSD 4. The legal subdivision is the smallest parcel that is described on the listing.

4.2 Some sections have more than one historical resource value

One of the major differences between the previous editions of the listing and the 4th edition is that the common land parcel size for HRV "1", "2" and "3" lands has been reduced to the legal subdivision (40 acres). In the past, all lands were described to the section level (640 acres). Therefore, some sections have been "nested" with different portions of the same section assigned different historical resource values. Consequently, some sections appear more than once within the 4th edition of the listing. For example, two (2) different historical resource values have been assigned to Section 3 of Township 1, Range 2, W4M. Therefore, two (2) separate line entries occur within the listing. One line entry indicates that legal subdivision ("LSD") 8 has been assigned a HRV of "3" with the number "8" appearing in the LSD column. The second line entry stipulates that the remaining fifteen (15) LSDs have been assigned a HRV of "5". This is symbolized by a double dash (--) in the LSD column. Whenever the double dash (--) appears in the LSD column it indicates that those legal subdivisions that are not described numerically in the LSD column have been assigned the historical resource value that appears in the HRV column for that line entry. When the entire section has been assigned a single HRV, the (--) in the LSD column indicates that all sixteen (16) legal subdivisions have been assigned the historical resource value that appears in the HRV column.

TABLE 4.1

COMPARISON BETWEEN HISTORICAL RESOURCE VALUE, SENSITIVITY AND LIKELY REQUIREMENTS

HRV	Historical Resource Sensitivity	*Historical Resources Act* Requirements
1	Provincial Historic Resource	A historical resource that has been designated as a Provincial Historic Resource is situated within the described land parcel. Notwithstanding any other Act, pursuant to Section 20(9) of the *Historical Resources Act*, no person shall destroy, disturb, alter, restore, or repair any historic resource or land that has been designated, or remove a historic object from a Provincial Historic Resource without the written approval of the Minister of Alberta Community Development. The Minister, in the Minister's absolute discretion, may refuse to grant an approval or may make the approval subject to any conditions the Minister considers appropriate. The Provincial Historic Resource is not to be impacted. Surface access may not be granted to designated lands.
	Lands owned by Alberta Community Development for the purpose of protecting and/or promoting historical resources.	Alberta Community Development owns a portion or the entire section. The consent of the Cultural Facilities and Historical Resources Division of Alberta Community Development must be obtained prior to land entry. Surface access may not be granted.
2	Registered Historic Resource	A historical resource that has been designated as a Registered Historic Resource is situated within the described land parcel. Pursuant to Section 19(5) of the *Historical Resources Act*, no person shall destroy, disturb, alter, restore or repair any historic resource or land that has been designated, or remove a historic object from a Registered Historic Resource until the expiration of 90 days from the date that notice of the proposed action is served on the Minister of Alberta Community Development, unless the Minister sooner consents to the proposed action.
3	Significant Historic Resource	A significant historic resource that may be a candidate for designation as a Provincial Historic Resource or Registered Historic Resource is situated within the described land parcel. Pursuant to Section 37(2) of the *Historical Resources Act*, a Historical Resources Impact Assessment will likely be required to determine the relationship between the proposed activity, the significant historical resource and any other recorded and unrecorded historic resources that may be present. Depending upon the results of the Historical Resources Impact Assessment, the applicant may be ordered to undertake, salvage, preservative or protective measures. The significant historic resource is not to be impacted. Surface access may not be granted to specific portions of the described land parcel.
4	Previously recorded historical resources that require avoidance and/or the conduct of additional historical resource studies.	Pursuant to Section 37(2) of the *Historical Resources Act*, a Historical Resources Impact Assessment will likely be required to determine the relationship between the proposed activity, the previously recorded historical resource, and to determine if the activity will impact any other recorded or unrecorded historical resources that may be present. Depending upon the results of the Historical Resources Impact Assessment, the applicant may be ordered to undertake, salvage, preservative or protective measures. Surface access may not be granted to specific portions of the described land parcel.
5	High Potential Lands	High Potential Lands contain topographic characteristics that have a demonstrated high probability for the presence of historical resources. Pursuant to Section 37(2) of the *Historical Resources Act*, a Historical Resources Impact Assessment may be required to determine if the activity will impact any as yet unrecorded historical resources that may be present. Depending upon the results of the assessment, the applicant may be ordered to undertake, salvage, preservative or protective measures. Surface access may not be granted to specific portions of the described land parcel.

TABLE 4.2

SITES AND LANDS ASSIGNED TO EACH OF THE HISTORICAL RESOURCE VALUES

HRV	By Sites No.	% Of Sites	By Sections No.	% Of Sections	By Acres No.	% Of Acres
1	270	3.93	274	2.11	57,800	0.72
2	245	3.56	163	1.25	15,480	0.19
3	370	5.38	493	3.80	164,520	2.07
4	5983	87.11	4253	32.82	2,721,920	34.30
5	NA	NA	7773	59.99	4,974,720	62.69
	6868	99.98	12,956*	99.97	7,934,440	99.97

*** Some sections are "nested" and have been assigned more than one HRV. 12,547 different sections have been assigned at least one HRV. 409 sections have been assigned more than one HRV, resulting in a total assignment of 12,956 historical resource values. Approximately 5% of the Province is described on the listing.**

5.0 THE FIRST PHASE OF THE PROGRAM

The emphasis of the first phase is the protection of Alberta's most significant historical resources - Provincial Historic Resources, Registered Historic Resources and other significant historic resources that have not been designated. Within the listing the affected lands have been assigned a HRV of "1", "2" or "3". The first phase of the program was largely implemented with the issuance of the second edition of the listing in 2001.

5.1 Historical Resource Value "1" lands

Provincial Historic Resources and lands owned by Alberta Community Development

Under the *Historical Resources Act* the highest level of protection is afforded to those sites that have been designated as Provincial Historic Resource(s). Sites that have been protected at this level are considered to be the most important resources that have been recorded within the Province and have been assigned a HRV of "1" (e.g. Devil's Coulee). The HRV of "1" is also used to identify lands that are owned by Alberta Community Development for historical resources protection and promotion purposes (e.g. Head-Smashed-In Buffalo Jump, Fort George-Buckingham House). The historical resource is not to be impacted and it is unlikely that surface access would be granted to HRV "1" lands. Applicants must not access HRV "1" lands without the prior written approval of the CFHRD. If access were granted it would be under very stringent operating conditions.

5.2 Historical Resource Value "2" lands

Registered Historic Resources

A historical resource that has been designated as a Registered Historic Resource is situated within the described land parcel. Pursuant to Section 19(5) of the *Historical Resources Act*, no person shall destroy, disturb, alter, restore or repair any historic resource or land that has been designated, or remove a historic object from a Registered Historic Resource until the expiration of 90 days from the date that notice of the proposed action is served on the Minister of Alberta Community Development, unless the Minister sooner consents to the proposed action. As of May 15, 2003, there were two hundred and forty five (245) Registered Historic Resources. Most of these sites are historic structures that are located within an urban setting. Therefore, generally, it is unlikely that the presence of a Registered Historic Resource would result in any major impacts to petroleum and natural gas industry drilling and production activities.

5.3 Historical Resource Value "3" lands

Significant Historic Resources

A significant historic resource that may be a candidate for designation as a Provincial Historic Resource or Registered Historic Resource is situated within the described land parcel. Pursuant to Section 37(2) of the *Historical Resources Act*, a Historical Resources Impact Assessment will likely be required to determine the relationship between the proposed activity, the significant historic resource and any other recorded and unrecorded historical resources that may be present. Depending upon the results of the Historical Resources Impact Assessment, the applicant may be ordered to undertake, salvage, preservative or protective measures. The significant historical resource is not to be impacted. Surface access may not be granted to all or portions of the described land parcel. In some instances, a HRV of "3" has been used to identify relatively large historical resources management areas ("HRMA") wherein extraordinary operating conditions are often applied to petroleum and natural gas industry activities. An example includes those lands that are encompassed by the Majorville Cairn and Medicine Wheel Provincial Historic Resource HRMA. One of the extraordinary operating conditions requires that petroleum and natural gas industry related activities must not create any new stone features (e.g. stone piles, stone alignments).

6.0 THE SECOND PHASE OF THE PROGRAM

The second phase of the program can be subdivided into two (2) components. The first component involves those activities that are targeted for lands that contain previously recorded historic resources that require avoidance and/or the conduct of additional historic resource studies. These lands have been assigned a HRV of "4". The second component involves "High Potential Lands" - those lands that are considered to possess high potential for the presence of historic resources. "High Potential Lands" lands have been assigned a HRV of "5".

6.1 Historical Resource Value "4" lands

Historical Resource Value "4" lands contain one or more previously recorded historical resources that require avoidance and/or the conduct of additional historical resource studies. One of the major contributions of the 4th edition of the listing involves the placement of 5983 HRV "4" sites onto the listing. The majority of these sites contain archaeological resources, including the archaeological remains of historic period sites (e.g. St. Mary's NWMP Outpost). One of the objectives is to complete the assignment of a historical resource value to the remaining (est.) 14,000 archaeological sites in time for the implementation of the 6th edition of the listing in 2005.

6.2 Historical Resource Value "5" lands

Historical Resource Value "5" lands, "High Potential Lands", contain topographic characteristics that have a demonstrated high probability for the presence of historical resources (e.g. terraces, valley slopes and prairie bluffs along the Red Deer River). A Historical

Resources Impact Assessment may be required to determine if the proposed activity will impact any as yet unrecorded historical resources that may be present. The largest difference between the 3rd and 4th editions of the listing is the quantity of "High Potential Lands". Whereas 1707 sections were assigned a HRV of "5" within the 3rd edition of the listing, 7773 sections or portions have been assigned a HRV of "5" within the 4th edition. Although this does represent a considerable increase in the amount of lands categorized as "High Potential Lands", this increase still accounts for a minor percentage of the "High Potential Lands" in the Province.

7.0 NON-ROUTINE AND ROUTINE APPLICATIONS

Historical resources have not been incorporated into the EUB's "non-routine" versus "routine" application process. However, the CFHRD has borrowed the concept from the EUB and adapted it for historical resources management purposes with different policies, procedures and processes implemented for "non-routine" applications versus "routine" applications.

7.1 Non-routine applications

Applications for *Historical Resources Act* clearance that involve activities that are targeted for HRV "1", "2" and "3" lands will be considered to be non-routine. Approximately 237,800 acres, or 3% of the lands that are described on the listing have been assigned a HRV of "1", "2" or "3". Staff of the CFHRD will continue to play a major role in the review of activities on HRV "1", "2" and "3" lands, and Historical Resources Impact Assessment orders will be sent to the applicant under the signature of the Assistant Deputy Minister. The applicant's historical resources consultants must not submit a permit to conduct archaeological and/or palaeontological field studies until after the CFHRD's requirements have been discussed with the regional Planner of the Protection and Stewardship Section. The Planner could dissuade the applicant from pursuing the activity at that proposed location, or advise the applicant to submit a *Notification of Proposed Action* form. If the activity is proposed for lands that have been designated as a Provincial Historic Resource, the applicant must submit a *Provincial Historic Resource Notification of Proposed Action* form to the regional Planner. Similarly, if the activity is proposed for lands that have been designated as a Registered Historic Resource, the applicant must submit a *Registered Historic Resource Notification of Proposed Action* form. If the activity is located on public land, it is recommended that the applicant contact the regional Planner prior to or at the same time as the disposition application is submitted to Alberta Sustainable Resource Development.

7.2 Routine applications

Activities that are targeted for lands that have been assigned a HRV of "4" or "5" will be considered to be routine. Approximately 7,696,640 acres, or 97% of the lands that are described on the listing have been assigned a HRV of "4" or "5". The CFHRD would prefer to implement a self-directed process in which the applicants and their historic resources consultants routinely determine if an application requires the conduct of a Historical Resources Impact Assessment. Additionally, staff will continue to investigate the possibility of developing non-referral systems for routine applications. Whereas, developing non-referral systems for HRV "5" lands may be relatively simple, the development of non-referral systems for HRV "4" lands may be more complex - applicants and/or their agents may require direct access to the historical resources databases.

8.0 WHEN TO USE THE LISTING

The listing is not the key reference for all petroleum and natural gas industry activities. Table 8.1 illustrates how the historical resource value can be used to determine when specific types of petroleum and natural gas industry activities require *Historical Resources Act* clearance. The listing is only one of several reference documents that should be consulted for Class I pipeline projects in the White Area, and projects that require the completion of an Environmental Impact Assessment ("EIA"), or approval by the National Energy Board ("NEB"). Conversely, the listing is the key reference for geophysical survey programs and "small scale projects".

8.1 Geophysical survey programs

One of the issues that needs to be resolved is the appropriate balance between historical resource issues vis-à-vis geophysical survey programs. The proposed approach would formally involve the CFHRD in the review of all geophysical survey programs that are targeted for lands that are identified on the listing as HRV "1", "2", "3" and "4". The manner in which many geophysical survey programs are conducted in the White Area often result in negligible land surface disturbance. Therefore, in several instances, historical resources investigations may not be warranted. Even in the most sensitive historical resource areas access may be granted for the hand stringing and retrieval of geophones. During 2003, staff of the CFHRD will discuss with industry representatives and the Disposition and Technical Services Branch (Public Lands Division, Alberta Sustainable Resource Development) and other stakeholders the most efficient means to formally implement a historical resources management program for geophysical survey programs, and how this program could be integrated into the existing disposition approval processes (e.g. Geophysical Field Report). In the interim, between July 1, 2003 and April 1, 2004, applicants should check the 4th edition of the listing to determine if the proposed geophysical survey program will affect lands that have been assigned a HRV of "1", "2", "3" or "4". If the program does affect lands that have been assigned a HRV of "1", "2", "3" or "4", the applicant should contact the regional Planner. Failure to obtain *Historical Resources Act* clearance could result in project delays. If the application does not affect lands that have been assigned a HRV of "1", "2", "3" or "4", the applicant does not need to contact the CFHRD.

8.2 Small scale projects

Within the context of the CFHRD's program for the petroleum and natural gas industry, small-scale projects are considered to include all pipelines in the Green Area, Class II pipelines in the White Area, compressor stations, gas processing facilities, petroleum and natural gas batteries, pipeline surface installations, and well site leases and their associated access roads. The *Listing of Significant Historical Sites and Areas* has been incorporated into several guidelines and application approval processes that involve "small scale projects". In some cases historical resource issues have been incorporated into specific types of application approvals e.g. the EUB's "Well Licence Application". In other cases, historical resource issues have been included into all activities associated with drilling and production activities, e.g. Siting Information Report.

8.2.1 EUB Well Licencing Application Process

The inclusion of historical resources within the EUB's "Well Licence Application" approval process is discussed within the EUB's *Guide 56: Energy Development Application Guide, Appendix 2, Volume 2 of 2*. Prior to submitting

TABLE 8.1

HISTORICAL RESOURCE MANAGEMENT PROGRAM FOR THE PETROLEUM AND NATURAL GAS INDUSTRY

HRV	Historical Resource Sensitivity	Crown Petroleum & Natural Gas Rights Dispositions	Geophysical Survey Programs	Small Scale Projects	Class I Pipelines	EIA or NEB Approved Projects
1	Provincial Historic Resource, and/or lands owned by Alberta Community Development to protect historical resources.	ADDENDUM	YES	YES	YES	YES
2	Registered Historic Resource	ADDENDUM	YES	YES	YES	YES
3	Significant Historic Resource - not designated	ADDENDUM	YES	YES	YES	YES
4	Previously recorded historical resources that require avoidance and/or the conduct of additional historical resource studies.	ADDENDUM	YES	YES	YES	YES
5	High Potential Lands - Based on topographic characteristics that have a demonstrated high probability for the presence of historical resources.	NO	NO	YES	YES	YES
[*]	Moderate Potential Areas	NO	NO	NO	YES	YES
[*]	Low Potential Areas	NO	NO	NO	YES	YES

TABLE 8.1	Table 8.1 is an updated version of Table 1.0 that is contained on page 6 of the *Cultural Resource Management and the Energy Industry: New Perspectives and Partnerships* report.
ADDENDUM	An addendum stating Alberta Community Development's requirements will be placed on the "Sales Notice."
YES	Each application of that specific type of activity requires *Historical Resources Act* clearance.
NO	The specific type of activity does not require *Historical Resources Act* clearance.
[*]	Historical Resource Values may or may not be assigned to lands that possess "Moderate" to "Low" potential for the presence of historical resources.

a "Well Licence Application" to the EUB, the applicant must check the current *Listing of Significant Historical Sites and Areas*. Should the well be located on lands that are described on the listing, the applicant must obtain *Historical Resources Act* clearance prior to the submission of an application to the EUB. *Guide 56* is under revision and the appropriate section within Schedule 4 may be changed. Currently, within Section 9 of Schedule 4 of the "Well Licence Application", the applicant must check the YES box next to the statement:

> The proposed well site requires *Historical Resources Act* clearance (Freehold land only).

If the well site does not involve listed lands, the applicant is to check the NO box next the aforementioned statement. Written *Historical Resources Act* clearance is not required and the applicant does not need to contact the CFHRD.

8.2.2 Siting Information Report, Area Operating Agreement and Environmental Field Report

The statement that is contained in Schedule 4 is conditional upon the lands being "Freehold". Consequently, some applicants have considered well site leases situated on crown lands to be exempt from the necessity of obtaining *Historical Resources Act* clearance. This is not the case. In November 2001, the Public Lands Division of Alberta Sustainable Resource Development implemented the "Siting Information Report". This report addresses activities associated with petroleum and natural gas drilling and production on White Area public lands and a copy of the report is to accompany all petroleum and natural gas applications and amendments under the *Public Lands Act*. The following question is asked:

> Is *Historical Resources Act* clearance required?

The instructions attached to the report refer the applicant to the *Listing of Significant Historical Sites and Areas*. The next version of the "Area Operating Agreement" and "Environmental Field Report" will contain statements similar to those that are contained within the Siting Information Report. The applicant must check the *Listing of Significant Historical Sites and Areas*. If the activity is located on lands that are described on the listing, the applicant must obtain *Historical Resources Act* clearance. If the activity does not involve listed lands, written *Historical Resources Act* clearance is not required and the applicant does not need to contact the CFHRD.

When the activity is targeted for lands that have been assigned a HRV of "1", "2" or "3", applicants are advised to obtain *Historical Resources Act* clearance prior to or at the same time as the submission of the application to Sustainable Resource Development. To reiterate, designated sites and other significant historic resources are **not** to be impacted.

8.2.2.1 Condition 637

For HRV "4" and "5" lands, *Historical Resources Act* clearance is a condition of approval and does not need to be obtained prior to the submission of an application to Sustainable Resource Development. The applicant can apply for Sustainable Resource Development's approvals without prior *Historical Resources Act* clearance. The *Historical Resources Act* requirement and clearance processes can co-occur with the Sustainable Resource Development's review and approval processes. The field officer of Alberta Sustainable Resource Development could attach Condition 637 to the disposition approval. Condition 637 states:

> Prior to entry on the land, the holder shall provide written confirmation to the departmental officer that Historical Resources Act clearance has been obtained for <disposition no.>.

9.0 LAND STATUS AUTOMATED SYSTEM

One of the requirements that is common to the Area Operating Agreement, Environmental Field Report, Geophysical Field Report and Siting Information Report is that the applicant must obtain a land standing. The purpose of the land standing is to ensure that the applicant is aware of and has dealt with possible land use conflicts, and has obtained the appropriate consents from stakeholders. Essentially, checking the land standing is a key component of the application process for Area Operating Agreements, Environmental Field Reports, Geophysical Field Reports and Siting Information Reports.

The CFHRD recognizes that reservations/notations placed onto the Land Status Automated System ("LSAS") are an important tool in the protection of the Province most significant historical resources, and the integration of historical resources into the Alberta Sustainable Resource Development's current application review-approval process. The CFHRD is the holder of 70 reservations/notations encompassing approximately 18,382 acres. One of the CFHRD's objectives for 2003 is to ensure that the appropriate reservations/notations have been placed onto the LSAS. This would include all historical sites that have been assigned a HRV of "1", "2" and "3", and possibly HRV "4" sites. However, it may not be appropriate to place reservations/notations onto all of the public lands that are described within the 4th edition of the listing, particularly for "High Potential Lands" – i.e. HRV "5" lands.

9.1 Reservations/Notations for HRV "1" and "2" lands

Reservations/notations will be placed onto the LSAS for those lands that contain historical sites that have been assigned a HRV of "1" and "2". In order to recognize Alberta Community Development's legal authority for historical resources that have been designated as a Provincial Historic Resource or Registered Historic Resource under the *Historical Resources Act*, a new type code has been developed – Designated Historic Resource ("DHR"). Currently, a Protective Notation ("PNT") is the reservation/notation type code that has been placed on most designated sites. The type code for these sites will be changed to the more appropriate "DHR" code.

9.2 Reservations/Notations for HRV "3" lands

A PNT reservation/notation will also be placed onto the LSAS for those lands that contain Significant Historic Resources.

9.3 Reservations/Notations for HRV "4" lands

During 2003, discussions will be held with representatives of other Provincial agencies to determine whether reservations/notations are required for some or all of those previously recorded historical resources that require avoidance and/or the conduct of additional historical resource studies.

9.4 Reservations/Notations for HRV "5" lands

The placement of reservations/notations onto the LSAS for all HRV "5" lands would be very effective in ensuring that applicants are required to consider historical resources issues during the planning of petroleum and natural gas industry activities. However, the placement of reservations/notations onto the LSAS for all HRV "5" lands may not be the most efficient method for flagging potential historical resources issues. The CFHRD is considering other alternatives to capture "High Potential Lands". Generally, identifying whether a parcel of land contains high historical resource sensitivity involves an analysis of the landscape. A number of environmental factors may individually or in combination be indicators of "High Potential Lands". Some of these factors include: native prairie grasslands; floodplains, terraces, valley slopes, and bluffs adjacent to drainage systems; the confluence of drainage systems; the local environs of permanent and seasonal water bodies; hummocky terrain and other lands exhibiting relief (e.g. hills, eskers); sand dune complexes; upland margins adjacent to low lying wet areas (e.g. bogs, fens). Currently, it is not the intention of the CFHRD to place reservations/notations on all of the lands in the Province that exhibit one of the aforementioned indicators of high sensitivity. Additionally, as previously stated in the introduction to the 3rd edition of the listing, the listing may not be the most appropriate reference source for identifying "High Potential Lands". Other strategies and reference sources will be considered to include "High Potential Lands" within the *Historical Resources Act* clearance processes, and other Provincial application approval processes.

10.0 PILOT STUDIES

Prior to fully implementing the second phase of the program it is necessary to conduct pilot studies to determine what changes need to be made to the CFHRD's existing policies, processes and procedures. To re-iterate, for the second phase of the program the CFHRD would prefer to implement a non-referral, self-directed process in which the applicants and their historic resources consultants routinely determine if an activity requires the conduct of a Historical Resources Impact Assessment.

10.1 White Area Pilot Study

The White Area consists of the populated central, southern and Peace River areas of the Province. In some parts of the White Area, public land is a major part of the agricultural landscape. Much of the native prairie grasslands of the Province are located on these public lands. The White Area Pilot Study explores one possible method for achieving the objective of a non-referral system for HRV "5" lands. The intended term of the pilot study is one year and it will only involve those lands in the White Area that have been assigned a HRV of "5" on the 4th edition of the listing. The purpose of the White Area Pilot Study is to test whether an environmental attributes matrix can be used to determine if a Historical Resources Impact Assessment is warranted. The concept of using environmental attributes on Provincial approval processes is not new. For example, the Siting Information Report has several environmental attribute check boxes while the Environmental Field Report contains some, but fewer check boxes. For the purpose of the pilot study, the CFHRD has developed a "Recommended Action Matrix" that compares the relationship of the activity to the break of slope vis-à-vis vegetation and land use. For instructions on when and how to use the "Recommended Action Matrix" refer to the "White Area/RAM" tab (Appendix III).

10.2 Cultural and Historical Resources Sub-Group

A similar type of pilot study is under consideration for the northeastern portion of the Green Area. The Green Area comprises most of northern Alberta as well as the mountain and foothills areas along the Province's western boundary. The Cultural and Historical Resources ("CHR") Sub-Group of the Sustainable Ecosystems Working Group ("SEWG") has commissioned a study to identify the key environmental attributes that can be used to distinguish high archaeological resource sensitivity, and predict with a relatively high degree of accuracy, where archaeological resources are located within the Regional Municipality of Wood Buffalo ("RMWB"). Similarly, the study is to also characterize areas that possess low archaeological resource sensitivity. One of the potential uses of the key attributes is the implementation of the second phase of the historical resources management program for small scale petroleum and natural gas activities within the RMWB. One of the components of the study is to consider the placement of the key environmental attributes indicative of "High Potential Lands" onto the Area Operating Agreement and Environmental Field Report. If the proposed activity were targeted for lands that contain attributes of high historical resource sensitivity, the applicant would be responsible for the conduct of a Historical Resources Impact Assessment.

11.0 HISTORICAL RESOURCES IMPACT ASSESSMENTS

In recognizing the non-renewable nature of historical resources, Section 37(2) of the *Historical Resources Act* provides the framework for Historical Resources Impact Assessment and mitigative studies. When, in the opinion of the Minister of Alberta Community Development, an activity is likely to result in the alteration, damage or destruction of historical resources, the person undertaking the activity can be required to:

- carry out a Historical Resources Impact Assessment to determine the effect of the proposed operation or activity on historical resources in the area where the operation or activity is carried on;

- prepare and submit a report containing the assessment of the effect of the proposed operation or activity, and,

- undertake all salvage, preservative or protective measures.

The majority of Historical Resources Impact Assessments require the applicant to retain the services of a consulting archaeologist qualified to hold an Archaeological Research Permit within the Province of Alberta. In many instances, the services of a consulting palaeontologist qualified to hold a Palaeontological Collection Permit within the Province of Alberta are required. In fewer instances, the services of a qualified historian are required. A HRIA could have archaeological, palaeontological and historic period sites concerns and requirements. For the most part, the field studies associated with HRIAs are to be completed prior to the initiation of any land surface disturbance activities. The CFHRD has compiled lists of archaeologists, palaeontologists, and historians who are interested in the conduct of Historical Resources Impact Assessments. These lists are available from the Protection and Stewardship Section of the HRM Branch.

11.1 Reporting the results of a Historical Resources Impact Assessment

To assist applicants and historical resources consultants in conducting and reporting the results of Historical Resources Impact Assessments, the CFHRD has prepared "*Guidelines for Archaeological Permit Holders in Alberta*". Although the guidelines are directed at the archaeological consultant, Sections 4 and 5 do provide some insight into the Historical Resources Impact Assessment process. A report discussing the results of the assessment must be submitted to the CFHRD. Frequently, an applicant is unable to delay the development schedule for a period of time sufficient for the historical resources consultants to complete the final report submission requirements. Consequently, interim reports are accepted. It is preferable that interim reports be submitted by courier or mail. Facsimile copies of illustrative materials (maps, plans of surveys) are generally of poor quality. Based upon the evaluation of the results of the field studies and the recommendations contained within the report, the CFHRD may grant *Historical Resources Act* clearance for the activity, or require the applicant to undertake salvage, preservative, or protective measures. These measures could include excavations, modifications to the boundaries of the activity, or the relocation of the activity. Upon the completion of these additional measures, *Historical Resources Act* clearance is normally granted.

11.2 *Historical Resources Act* requirements after clearance has been granted

Although the submission of an interim report may satisfy the CFHRD's concerns and requirements regarding evaluating the potential for an activity to impact historical resources, an interim report does not complete a permit holder's obligations. The permit holder remains responsible for the submission of a detailed final report as well as several other functions, including the cataloguing, analysis and submission of relevant collections and samples, the submission of site maps, excavation profiles, field notes, and photographs.

12.0 APPLICATION FOR *HISTORICAL RESOURCES ACT* CLEARANCE

During the past few years the CFHRD has considered the use of a new form – "Application for *Historical Resources Act* Clearance". The purpose of the application is to standardize and streamline the paper trail that is associated with the historical resources referral-review-response-requirement-assessment-approval-clearance procedures, resulting in a more efficient process. For a trial period, starting on July 1, 2003, and lasting until April 1, 2004, the application form is to be submitted for those small scale projects that are targeted for lands that are described within the 4th edition of the *Listing of Significant Historical Sites and Areas.* For instructions on how to use the "Application for *Historical Resources Act* Clearance" refer to the "Application" tab (Appendix II).

13.0 HISTORICAL RESOURCES OVERVIEWS

The concept of "Historical Resources Overview" studies was originally discussed with representatives of the petroleum and natural gas industry during a meeting on June 25, 1991. During this meeting industry representatives were advised that the CFHRD was contemplating the introduction of Historical Resources Overview studies as part of the regulated pipeline approval process. As stated within a handout that was distributed at the meeting, the objective of an overview study was for the applicant to retain the services of a historical resources consultant to develop a historical resources sensitivity model that could be used to structure historical resource field investigations; and that such a model should consider archaeological, ecological, ethnographical, geographical, geological, historical, palaeontological, and other relevant data. Within the handout, it was recognized that the *Historical Resources Act* does not contain a provision that requires an applicant to conduct a project overview. Rather, the CFHRD could recommend that an overview be undertaken. The benefits for conducting an overview were that it could provide a more timely review of the application and the applicant could have input into the decision making process.

With the implementation of the EUB's current "Well Licence Application" approval process in the fall of 1997, the use of Historical Resources Overviews was expanded to include those wells that were targeted for lands that were described on the first edition of the *Listing of Significant Historical Sites and Areas.* The contents of the first edition were very different from the 4th edition. The first edition only contained the legal descriptions of Provincial Historic Resources, Registered Historic Resources, and Significant Historic Resources. The first edition also contained "buffer zones" adjacent to the designated and other significant historic resources. As illustrated in Table 4.2 designated and significant historic resources, HRV "1", "2" and "3" lands, account for approximately 3% percent of the lands that are described in the 4th edition. Given that the majority (97%) of the listing is now directed towards HRV "4" and HRV "5" lands, it may be opportune to reconsider the use Historical Resources Overviews.

13.1 When to and when not to submit a Historical Resources Overview

A Historical Resources Overview should not be submitted for activities that are targeted for HRV "1", "2" and "3" lands i.e. non-routine applications. Historical Resources Overviews can be submitted in accordance with the instructions that are provided for the use of the "Recommended Action Matrix". The matrix and instructions on how to use it are found in Appendix III (refer to "White Area/RAM" tab). One of the recommended actions that may result from the completion of the matrix is the submission of a Historical Resources Overview. Additionally, Historical Resources Overviews can be submitted for activities that are targeted for HRV "4" lands. Prior to submitting an overview the applicant should contact the regional Planner to determine the general scope of historical resources issues within the proposed activity area. For example, the applicant would be advised whether the overview needs to be completed and signed off by an archaeologist qualified to hold an Archaeological Research Permit, a palaeontologist qualified to hold a Palaeontological Collection Permit, professional historian and/or other experts.

13.2 The contents and format of a Historical Resources Overview

Although the specific contents and format of a Historical Resources Overview have been largely left to the individual preferences of historical resources consultants, the submission of an overview does require the consultants to:

- check the "Restricted Version" of the *Listing of Significant Historical Sites and Areas* to acknowledge the reason why the land is described within the listing;
- check the 1:50,000 scale NTS map sheets and the "Archaeological Site Inventory" to determine if any known archaeological resources have been recorded within the vicinity (ca. 1.5 kilometres) of the application;
- check the "Heritage Inventory" for the presence of any historic period sites within the vicinity (ca. 1.5 kilometres) of the application;
- evaluate the potential for the activity to impact historical resources; and
- make recommendations as to whether a Historical Resources Impact Assessment should be conducted.

Prior to the implementation of the next edition (5th) of the *Listing of Significant Historical Sites and Areas* in the spring of 2004, discussions will be held with historical resources consultants, petroleum and natural gas industry representatives, and other stakeholders regarding the establishment of a standardized Historical Resources Overview. In order to facilitate these discussions, the "Historical Resources Data, Evaluation and Recommendation Form" is attached. Refer to the "Office Use" tab (Appendix IV). The "Historical Resources Data, Evaluation and Recommendation Form" is a companion to the "Application for *Historical Resources Act* Clearance" form. This form is completed by staff of the CFHRD for each activity. During a recent meeting, representatives of the Association of Consulting Archaeologists suggested that information contained within the proposed "Application for *Historical Resources Act* Clearance" and the "Historical Resources Data, Evaluation and Recommendation Form" could be modified and formatted to meet the needs of submitting a standardized Historical Resources Overview.

13.3 Multiple Activity Programs

Perhaps, one of greatest potential uses of Historical Resources Overviews is for multiple activity programs. A multiple activity program could involve several surface locations and their associated access roads, the construction of several tie-in pipelines and/or a combination of well site leases, access roads and tie-in pipelines. The use of Historical Resources Overviews within this context is similar to the strategy that is used by Alberta Sustainable Resource Development for Area Operating Agreements. Similarly, the overview would eliminate the duplication of issuing operating conditions for separate activities and would speed up the process for providing applicants with *Historical Resources Act* requirements. Once again, prior to submitting an overview the applicant must contact the regional Planner to determine the general scope of historical resources issues within the proposed activity area.

The illustrative materials that should be submitted with the overview are the same as those that must accompany an "Application for *Historical Resources Act* Clearance". Specific information illustrating the lands that will be affected by the activities must be included with the overview. This could involve plans of survey of the well site leases and access roads, individual ownership plans, construction plans, or preliminary sketches. Illustrative materials shall also consist of a map that is on a scale of 1:50,000, 1:20,000 or any other larger scale approved by the regional Planner of the Protection and Stewardship Section. The leases, access roads, pipeline right-of-ways are to be highlighted on the map. Additionally, the map must show the location of the lands that will be affected by the activity with reference to sections, townships, ranges and meridians.

Following the submission and review of the Historical Resources Overview the regional Planner would advise the applicant regarding which activities were recommended to have a Historical Resources Impact Assessment undertaken. The Assistant Deputy Minister would sign a Historical Resources Impact Assessment order with copies sent to the applicant and any other "key contact". The Planner would also advise the applicant which activities would not require the conduct of a Historical Resources Impact Assessment. Applicants could then submit individual "Applications for *Historical Resources Act* Clearance" for those activities that did not require the conduct of a Historical Resources Impact Assessment.

13.3.1 Manyberries Badlands Environmentally Significant and Sensitive Area

An example of when it would be appropriate to submit a Historical Resources Overview for a multiple activity program is when the program involves lands that are included within the Manyberries Badlands Environmentally Significant and Sensitive Area ("Manyberries Sensitive Area"). The Manyberries Sensitive Area is found in the southeastern corner of Alberta and encompasses approximately 162 square miles of native prairie and badlands topography. For most petroleum and natural gas industry activities, a Historical Resources Impact Assessment will be required for archaeological and palaeontological resources, requiring the applicant to retain the services of both a qualified archaeologist and qualified palaeontologist. The Manyberries Sensitive Area is also unique in that it is one of the few areas in the Province where a Historical Resources Impact Assessment could be required for a re-entry to an existing location. Some of the existing surface locations have been bladed to the Bearspaw Formation, resulting in the presence of palaeontological resources on the surface of the existing leases. The submission of a carefully considered overview could result in the development of an integrated historical resources field program that would ensure that historical resource issues are dealt with in an effective and efficient manner, resulting in the timely issuance of *Historical Resources Act* clearance.

14.0 CONCLUSIONS

By working with representatives of the petroleum and natural gas industry a very effective historical resources management program has been developed to protect the Province's most important historical resources. These sites have been categorized on the listing as having a HRV of "1", "2" or "3". Staff of the CFHRD anticipate that the same sharing of ideas that has gone into the success of the first phase of the program will also result in the development of an equally effective second phase. During the next year discussions with representatives of the petroleum and natural gas industry will focus upon how to efficiently capture "High Potential Lands". Towards this end, a number of current policies, procedures, and processes are being reconsidered while a number of pilot projects are to be initiated, including the use of an "Application for *Historical Resources Act* Clearance", the number and types of activities that can be included within a single application, the possible use of Condition 637, the initiation of a White Area Pilot Study for HRV "5" lands, a Recommended Action Matrix, the use of Historical Resources Overviews, and the concept of Multiple Activity Programs. The intention is to develop a streamlined, self-directed and implemented process in which the applicants and/or their historic resources consultants routinely determine if an application that involves "High Potential Lands" requires the conduct of a Historical Resources Impact Assessment. This approach does not change the responsibility of Alberta Community Development. Alberta Community Development remains fully responsible for the enforcement of the *Historical Resources Act* and its associated regulations. Alberta Community Development staff would become more directly involved in compliance monitoring and auditing.

APPLICATION

APPENDIX II

LISTING OF SIGNIFICANT HISTORICAL SITES AND AREAS
(FOURTH EDITION)

APPLICATION FOR *HISTORICAL RESOURCES ACT* CLEARANCE

APPENDIX II

LISTING OF SIGNIFICANT HISTORICAL SITES AND AREAS (FOURTH EDITION)

APPLICATION FOR *HISTORICAL RESOURCES ACT* CLEARANCE

During the past few years the CFHRD has considered the use of a new form – "Application for *Historical Resources Act* Clearance". The purpose of the application is to standardize and streamline the paper trail that is associated with the historical resources referral-review-response-requirement-assessment-approval-clearance procedures, resulting in a more efficient process.

When to use the "Application for *Historical Resources Act* Clearance"?

For a trial period, starting on July 1, 2003, and lasting until April 1, 2004, the application is to be submitted for those small scale projects that are targeted for lands that are described within the 4th edition of the *Listing of Significant Historical Sites and Areas.*

What are small scale projects?

Small scale projects are considered to include all pipelines in the Green Area, Class II pipelines in the White Area, compressor stations, gas processing facilities, petroleum and natural gas batteries, pipeline surface installations, and well site leases and their associated access roads.

What activities can be included within a single application?

The concept that has been adopted for the pilot study is that a single application can consist of a specific surface location and all activities that are required to drill and produce that location. Therefore, a single application can include a surface location, the well(s) that are to be drilled on that location, the access road(s) associated with the location, pipeline(s) that are necessary to tie-in the well(s), and possible electrical transmission line. Since the *Historical Resources Act* applies to both freehold and public lands, undeveloped road allowances that are used to access locations are considered to be part of the "access road".

How long will it take to review and application?

The review period is ten (10) working days for routine applications, with the first day being the date that the application is stamped as received by the Protection and Stewardship Section. By the end of the tenth day, the regional Resource Management Planner should have contacted the applicant. The CFHRD would appreciate your cooperation in not enquiring about the status of the application until the eleventh working day. The review for non-routine applications to impact historical resources may take longer than ten (10) working days.

Based upon the results of recent discussions with representatives of the petroleum and natural gas industry and historical resources consultants, the "Application for *Historical Resources Act* Clearance" has been modified and it now consists of three (3) pages. All three pages are to be completed by the applicant and/or representatives of the applicant.

Page 1

Activity Administration

The first page of the form is to be completed by the applicant and/or representatives of the applicant following the instructions that are provided below.

Page 2

Recommended Action Matrix, Historical Resources Overviews & Historical Resources Impact Assessments

The second page contains information regarding the "Recommended Action Matrix", "Historical Resources Overviews", and "Historical Resources Impact Assessments". Page 2 of the "Application for *Historical Resources Act* Clearance" also contains the signature boxes for staff of the CFHRD.

Page 3

Historical Resources Summary Table

The "Historical Resources Summary Table" is to be completed by the applicant's historical resources consultants and submitted as part of an interim or final report that is submitted for the purpose of obtaining *Historical Resources Act* clearance. The submission of a "Historical Resources Summary Table" is only necessary when field studies result in the recording or re-visitation of historic sites. The appropriate box or boxes within Part 16, Page 2 of the "Application for *Historical Resources Act* Clearance" are to be checked.

Future Directions

Prior to the implementation of the next edition (5th) of the *Listing of Significant Historical Sites and Areas* in the spring of 2004, the results of the use of the current "Application for *Historical Resources Act* Clearance" will be reviewed and discussed with other Provincial agencies, petroleum and natural gas industry representatives, and other stakeholders. Subsequently, a decision will be made as to what, if any, modifications should be made to the next version of the "Application for *Historical Resources Act* Clearance".

Expanded use of the application: Currently, the use of the "Application for *Historical Resources Act* Clearance" is restricted to small scale petroleum and natural gas industry projects. The use of the application could be expanded to other types of petroleum and natural gas industry activities and/or activities that are associated with other development sectors.

Historical Resources Overviews: The information that is contained within the "Application for *Historical Resources Act* Clearance" and internal "Historical Resources Data, Evaluation and Recommendation Form" contain most of the information that is typically submitted within a Historical Resources Overview. With some relatively minor modifications and reformatting the information contained within the application and internal referral form could become the major component of a standardized Historical Resources Overview. Discussions will be held with historical resources consultants, petroleum and natural gas industry representatives, and other stakeholders regarding the establishment of a standardized Historical Resources Overview.

INSTRUCTIONS FOR COMPLETING THE

APPLICATION FOR *HISTORICAL RESOURCES ACT* CLEARANCE

PAGE 1

Part 1 Date Received and File Number "For Office Use Only"

- **Date Received**

The application will be stamped on the date that it is received by the Protection and Stewardship Section of the Heritage Resource Management ("HRM") Branch.

- **HRM Branch File Number**

Staff of the Protection and Stewardship Section will insert the HRM Branch File Number.

Part 2 Purpose of the Application

The appropriate box or boxes are to be checked by the applicant and/or the applicant's representative.

- **New**

This represents a first submission.

- **Revised**

A revised application is to be submitted to update or change the administrative information that is contained on an existing application. For example, when the "New" application was submitted the MSL number was not known and a revision is made to provide the HRM Branch with the appropriate MSL number. Similarly, a revised application should be submitted if the applicant wishes to change the "key contact".

- **Amendment**

An amendment to an application is to be submitted for each proposed change to the lands that will be affected by the activities associated with the project. For example, this could involve the relocation or additions to a well site lease, or the addition of a tie-in pipeline to the project.

- **Notification of proposed activity**

A notification of proposed activity is to be submitted:

- when the activity will occur on lands that have been previously granted *Historical Resources Act* clearance. The applicant should assume that the new activity will also receive *Historical Resources Act* clearance and should proceed to obtain all other necessary dispositions and approvals. The applicant can use the previous correspondence to demonstrate that *Historical Resources Act* clearance has been granted for the affected lands.
- where the well has a surface location that is not described on the listing but the bottom hole is subjacent to a parcel of land that is described on the listing. *Historical Resources Act* clearance is required. However, a Historical Resources Impact Assessment will not be required and the applicant will be granted *Historical Resources Act* clearance. The applicant should proceed to obtain all other necessary dispositions and approvals.
- when the completion of the Recommended Action Matrix indicates that the recommended

action is "31". The Recommended Action Matrix is part of the White Area Pilot Study and is to be completed for all small scale activities that are targeted for lands in the White Area that have been assigned a HRV of "5". A Historical Resources Impact Assessment will not be required and the applicant will be granted *Historical Resources Act* clearance. The applicant should proceed to obtain all other necessary dispositions and approvals.

Part 3 Project Type

The appropriate box or boxes are to be checked by the applicant and/or the applicant's representative.

- **Well site lease and/or surface location**

- **Access roads and undeveloped road allowances**

- **Pipeline**

- **Other**

- **MSL, LOC and/or PLA numbers must be provided**

Where appropriate the MSL, LOC and/or PLA number(s) must be provided. Well site leases, access roads and pipelines that are to be constructed on public lands require approval from Alberta Sustainable Resource Development ("SRD"). In many instances, the *Historical Resources Act* clearance process has been integrated into SRD's approvals. Generally, enquiries from representatives of SRD reference specific Mineral Surface Lease [MSL], Licence of Occupation [LOC], and/or Pipeline Agreement [PLA] applications. Therefore, in order for staff of the CFHRD to communicate with staff of SRD, it is necessary for the appropriate MSL, LOC and PLA numbers to be provided.

Part 4 Project Identifier(s)

The proper or common name or identifier of the proposed development activity is to be placed in the space that is provided.

- This could include the proper or common name of a single well and/or pipeline project associated with the production of the surface location. Additional space is provided on the "Project Identifier(s) Expansion" form that should be completed and submitted when: [1] the activity involves a directionally drilled well where the surface and bottomhole locations involve different legal subdivisions; [2] the activity involves the development of a multiwell pad surface location; and/or, [3] a Historical Resources Overview is submitted for a "Multiple Activity Program" as discussed in Section 13.3 of the "Discussion Paper".

- If a "Project Identifier(s) Expansion" is required the appropriate box in Part 4, Page 1 is to be checked and the appropriate box or boxes on the expansion form is/are also to be checked.

Part 5 Name of Applicant

The registered name of the company and contact with the company must be provided.

Part 6 Key Contact

Part 6 must be completed if the contact for an activity is different than the contact provided in Part 5. Otherwise, the person identified in Part 5 will be considered the "key" contact.

- The "Key Contact" should be the person that can be contacted to answer any questions regarding information on the "Application for *Historical Resources Act* Clearance" and/or about the activity(ies). All correspondence regarding *HRA* requirements and clearances will be sent directly to the applicant and any other "Key Contact". It is the responsibility of the "Key Contact" to communicate and/or forward all relevant correspondence from the CFHRD to any other agents representing the applicant.

- Staff will only send copies of *HRA* requirements and clearances to Provincial (e.g. Alberta Sustainable Resource Development, Special Areas Board), and Federal (e.g. National Energy Board) approving agencies and permitted historical resources consultants. If the applicant wishes to change the "Key Contact", a revised application should be submitted.

Part 7 Illustrative materials

The appropriate box or boxes is/are to be checked to indicate what illustrative materials have been attached to the "Application for *Historical Resources Act* Clearance".

- Specific information illustrating the lands that will be affected by an activity must be included with the application. This could involve the plan of survey of the surface location, well site lease and access road; individual ownership plan; construction plan; or, preliminary sketch. *Historical Resources Act* clearance will not be granted until the appropriate plan of survey, individual ownership plan, or construction plan has been submitted. This requirement can be modified with the consent of the regional Planner.

Part 8 Map

The scale and alphanumeric reference(s) of the appropriate map(s) are to be identified in the space that is provided.

- Illustrative materials shall also consist of a map that is on a scale of 1:50,000, 1:20,000 or any other larger scale approved by the regional Planner. The leases, access roads, pipeline right-of-ways are to be highlighted on the map. Additionally, the map must show the location of the lands that will be affected by the activity with reference to sections, townships, ranges and meridians. If several applications are being submitted for a drilling program or gathering system, an overall area map of the program should be submitted (refer to Section 13.3 of the "Discussion Paper" regarding "Multiple Activity Program(s)".

Part 9 Lands being applied for (lands affected)

The lands that are to be affected by an activity are to be described to the legal subdivision ("LSD") or quarter section, depending upon whether more than one HRV has been assigned to the affected quarter section. For example, two (2) different historical resource values ("1" and "3") have been assigned to the NE ¼ of Section 3-19-18-W4M. Therefore, there would be two separate land descriptions, with LSDs 9 and 10 being identified as having a HRV of "3" and LSDs 15 and 16 as HRV "1" lands.

Land Ownership/Administration:
Land ownership must be provided on the application. Land ownership is divided into four categories – Freehold, Special Areas Board, Crown Untitled, Crown Titled. The appropriate box or boxes are to be checked. If the land ownership is "Crown Titled", the name of the administering Provincial agency is to be identified in the space that is provided. The identification of land ownership is important in providing applicants with timely *Historical Resources Act* clearance. To varying extent, the *Historical Resources Act* requirement and clearance processes have been integrated into the application approval processes administered by the Alberta Energy Utilities Board ("EUB"), SRD, and the Special Areas Board.

- **FRH – Freehold**

On freehold lands, the EUB is the key-approving agency. In accordance with the EUB's *Guide 56: Energy Development Application Guide and Appendices*, applications for well licences that involve freehold surface lands must obtain *Historical Resources Act* clearance prior to the submission of the "Well Licence Application" to the EUB. Failure to comply with this requirement can result in the licence not being approved and/or the cessation of drilling activities.

- **SA - Special Areas Board**

One of the Provincial agencies that administers a large *en bloc* area of Crown Titled land is the Special Areas Board. Generally, representatives of the Special Areas Board will not grant approval to an application until after they have received notification that the applicant has satisfactorily addressed all historical resource issues.

- **CU – Crown Untitled**

On lands identified as "Crown Untitled" and on some of the lands identified as "Crown Titled" on the Land Standing of the Land Status Automated System ("LSAS"), the key-approving agency is Alberta Sustainable Resource Development.

- **CT - Crown Titled**

When lands are identified on LSAS as Crown Titled an agency of the Crown holds title to the property. The name of the agency that holds title to the property must be identified on the "Application for *Historical Resources Act* Clearance". In some cases, the titleholder will be the Minister of the Crown responsible for the administration of the *Historical Resources Act* i.e. Alberta Community Development and its predecessors. These lands should appear on the listing with an HRV of "1".

Part 10 Non-Routine and Routine Applications

The appropriate box or boxes are to be checked to indicate whether the activity or activities are non-routine or routine.

- Non-routine applications involve those activities that are targeted for lands that contain the Province's most important historical resources. These lands have been assigned a HRV of "1", "2" and "3". Staff of the CFHRD will continue to play a major role in the review of activities that are targeted for HRV "1", "2" or "3" lands, and Historical Resources Impact Assessment orders will be sent to the applicant under the signature of the Assistant Deputy Minister. The review for non-routine applications to impact historical resources may take longer than ten (10) working days.

- Routine applications involve those activities that are targeted for lands that have been assigned a HRV of "4" or "5". The CFHRD would prefer to implement a self-directed process in which the applicants and their historical resources consultants routinely determine if an application requires the conduct of a Historical Resources Impact Assessment. The review period is ten (10) working days for routine applications, with the first day being the date that the application is stamped as received by the Protection and Stewardship Section.

Part 11 National Energy Board

The appropriate box is to be checked.

- If the activity requires the approval of the National Energy Board ("NEB"), copies of the CFHRD's correspondence to the applicant and/or "Key Contact" will be copied to the NEB.

Part 12 Signature of the applicant or key contact

A representative of the registered company (applicant) or key contact is to sign and date the application.

Part 13 Correspondence copies to "For Office Use Only"

Based upon the information that is provided, copies of correspondence to the applicant and/or key contact will also be sent to representatives of the agencies that are checked. The applicants and/or the key contacts will be aware of which agencies have been contacted regarding *Historical Resources Act* requirements and clearances.

A&H	Archaeology & History Section Heritage Resource Management Branch
ASRD	Alberta Sustainable Resource Development
EUB	Alberta Energy & Utilities Board
NEB	National Energy Board
PMA	Provincial Museum of Alberta
RTMP	Royal Tyrrell Museum of Palaeontology
SA	Special Areas Board

This completes Page 1 ("Activity Administrative") of the "Application for *Historical Resources Act* Clearance". The applicant and/or their representatives are to also complete Part 14, Part 15 and Part 16 on Page 2 of the "Application for *Historical Resources Act* Clearance".

PAGE 2

Part 14 Recommended Action Matrix

- The Recommended Action Matrix is to be used between July 1, 2003 and April 1, 2004 as part of the White Area Pilot Study to test whether an environmental attribute matrix can be used to determine if a Historical Resources Impact Assessment is warranted. The matrix is to be completed by the applicant and/or representatives of the applicant for those activities that are targeted for lands in the White Area that have been assigned a HRV of "5" on the 4th edition of the *Listing of Significant Historical Sites and Areas.*

- The affected cell on the Recommended Action Matrix is to be highlighted and the appropriate "recommended action" box in Part 14 is to be checked. There are four (4) different "recommended actions" – "HRIA", "HRO", "HRIA/HRO, "31". For further information regarding the Recommended Action Matrix refer to the "White Area/RAM" tab (Appendix III).

Part 15 Historical Resources Overview

A Historical Resources Overview is to be submitted according to the Recommended Action Matrix. Additionally, Historical Resources Overviews can be submitted for activities that are targeted for HRV "4" lands. "Historical Resources Overviews" should not be submitted for activities that are targeted for HRV "1", "2" and "3" lands i.e. non-routine applications.

- Prior to submitting an overview the applicant should contact the regional Planner to determine the general scope of historical resources issues within the proposed activity area. For example, the applicant would be advised whether the overview needs to be completed and signed off by an archaeologist qualified to hold an Archaeological Research Permit, a palaeontologist qualified to hold a Palaeontological Collection Permit, professional historian and/or other experts.

- The applicant and/or their representative, possibly a historical resources consultant, is/are to complete Part 15. The information that is provided in Part 15 is only a small part of a complete Historical Resources Overview package. The applicant and/or key contact can fill out the "HRO Evaluation/Recommendation" portion of Part 15. However, the statements in Part 15 must be the verbatim quotation of the evaluation and recommendation statements that are made by the appropriate historical resources professionals within the larger Historical Resources Overview package. The Historical Resources Overview package must be completed and signed off by the appropriate professionals – archaeologist qualified to hold an Archaeological Research Permit, a palaeontologist qualified to hold a Palaeontological Collection Permit, and/or professional historian.

Part 16 Historical Resources Impact Assessment

- Part 16 contains a number of boxes that are to be checked to indicate whether a Historical Resources Impact Assessment has been conducted, an interim or final report discussing the results of the Historical Resources Impact Assessment is submitted, and whether any historic sites were recorded and/or re-visited during the conduct of the Historical Resources Impact Assessment. If any historical resources were recorded or re-visited, the applicant's historical resources consultants are to complete and submit the third page of the "Application for *Historical Resources Act* Clearance" – the "Historical Resources Summary Table". The holder of the Archaeological Research Permit, and/or Palaeontological Collection Permit must sign the "Historical Resources Summary Table".

Part 17 CFHRD requirements/clearances signatures

FOR OFFICE USE ONLY

Staff of the CFHRD will date and sign the appropriate statement. There are three (3) different statements regarding historical resources issues and requirements.

- **HRIA Requirement**

The Assistant Deputy Minister of the CFHRD will sign this signature box when a review of the application has resulted in the decision that the applicant is required to sponsor the conduct of a Historical Resources Impact Assessment. The granting of *Historical Resources Act* clearance will only be considered after the appropriate reports have been submitted and reviewed by staff of the CFHRD. Instructions regarding the conduct of the Historical Resources Impact Assessment and any additional *Historical Resources Act* requirements (e.g. post-drilling facilities must be earth tone colours) will be outlined in an attached Schedule "A"

- ***Historical Resources Act* Clearance is granted with Schedule "B"**

The granting of *Historical Resources Act* clearance with an attached Schedule "B" can occur at two stages in the historical resources referral-review-response-requirement-assessment-approval-clearance procedures. A Schedule "B" type of clearance could be provided when an activity does not require the conduct of a Historical Resources Impact Assessment, but the applicant is required to comply with specific instructions (e.g. timing restrictions regarding drilling activities in the vicinity of Dinosaur World Heritage Site). The second type of Schedule "B" clearance is provided subsequent to the completion of the review of an interim or final report discussing the results of a Historical Resources Impact Assessment and/or mitigative studies. The granting of *Historical Resources Act* clearance may be subject to conditions specified in an attached Schedule "B", and/or as stated within the "Requirement" column of Page 3 (i.e. "Historical Resources Summary Table") of the "Application for *Historical Resources Act* Clearance".

- ***Historical Resources Act* Clearance is granted with Section 31**

When the review of an application has resulted in the decision that a Historical Resources Impact Assessment is not required, the appropriate staff of the Cultural Facilities and Historical Resources Division will sign the application. The granting of *Historical Resources Act* clearance may be subject to specific conditions. A standard condition is that, in accordance with Section 31 of the *Historical Resources Act*, should any historic resources be encountered during the conduct of any activities associated with the drilling and/or production of the location, the appropriate staff of the CFHRD must be contacted.

PAGE 3

HISTORICAL RESOURCES SUMMARY TABLE

The "Historical Resources Summary Table" is to be completed by the applicant's historical resources consultants and submitted as part of an interim or final report that is submitted for the purpose of obtaining *Historical Resources Act* clearance. The submission of a "Historical Resources Summary Table" is only necessary when field studies result in the recording or re-visitation of historic sites. The appropriate box or boxes within Part 16, Page 2 of the "Application for *Historical Resources Act* Clearance" are to be checked. The holder of the Archaeological Research Permit, and/or Palaeontological Collection Permit must sign the "Historical Resources Summary Table".

Alberta
COMMUNITY DEVELOPMENT
Cultural Facilities & Historical Resource
Heritage Resource Management

Application for *Historical Resource Act* Clearance

1
Activity Administration
Date Received: ______ HRM File: ______

2 **Purpose of Application:** ☐ New ☐ Revised ☐ Amendment ☐ Notification

3 **Project Type:**
☐ Well Site Lease
☐ Access Road
☐ Pipeline
☐ Other ______
Mineral Surface Lease (MSL#): ______
License of Occupation (LOC#): ______
Pipeline Agreement (PLA#): ______

4 **Project Identifier(s):** ______
☐ Check here only if a Project Identifier Expansion Form is required and attached.

5 **Applicant:** ______
Address: ______
Postal Code: ______
E-mail: ______
Contact Name: ______
City / Province: ______
Phone: ______ Fax: ______
Your File Number: ______

SAMPLE

6 Is the Key Contact the same as above? ☐Yes ☐No. If no, complete the following:
Key Contact: ______
Address: ______
Postal Code: ______
E-mail: ______
Company Name: ______
City / Province: ______
Phone: ______ Fax: ______
Your File Number: ______

7 **Illustrative Materials Attached:** ☐Sketch ☐Plan of Survey ☐Individual Ownership Plan ☐Construction Plan

8 **Map:** Scale ______ NTS Reference(s) ______

9 **Land Applied For:**

LANDS AFFECTED						LAND OWNERSHIP				
QTR/LS	SEC	TWP	RGE	MER	HRV	FRH	SAB	CU	CT	AGENCY
						☐	☐	☐	☐	
						☐	☐	☐	☐	
						☐	☐	☐	☐	
						☐	☐	☐	☐	

☐ Check here if a Land Affected and Ownership Expansion form is required and attached.

10 **Non-Routine:** ☐ **Routine:** ☐

11 **National Energy Board Approval Required:** ☐ Yes ☐ No

12 **Signature of Applicant:**

______ Signature
______ Print Name
______ Date

FOR OFFICE USE ONLY

13 Correspondence Copies to:
☐ A&H
☐ ASRD
☐ EUB
☐ NEB
☐ PMA
☐ Other: ______
☐ RTMP
☐ SA

Recommended Action Matrix, Overview and Assessments Information

SAMPLE

14 **Recommended Action Matrix:**
If an activity is targeted for "High Potential Land", HRV 5, in the White Area, a Recommended Action Matrix must be completed and submitted.
Is a Recommended Action Matrix form attached? ☐Yes ☐No
What is the recommended action? ☐HRIA ☐HRO ☐HRIA/HRO ☐31

15 **Historical Resources Overview:**
Is a Historical Resources Overview attached? ☐Yes ☐No
If Yes, is HRIA recommended? ☐Yes ☐No
HRO Evaluation / Recommendation: ____________________

☐ Check here if a HRO Evaluation/Recommendation Expansion Form is required and attached.

16 **Historical Resource Impact Assessment:**
Has a HRIA been conduct? ☐Yes ☐No Permit Number (if applicable): ____________
Has an interim or final report been submitted? ☐Yes ☐No
Is the interim or final report attached? ☐Yes ☐No
Were any sites recorded and/or revisited during the HRIA? ☐Yes ☐No. If yes, the historical resource consultant is to complete and submit Page 3 - "Historical Resource Summary Table"

FOR OFFICE USE ONLY

17 **To be completed by staff of Cultural Facilities & Historical Resources Division**

Pursuant to Section 37(2) of the *Historical Resources Act*, a Historical Resources Impact Assessment (HRIA) report is required for all or portions of those activities described on this application and its attached plan(s)/sketch(es). The HRIA is to be prepared in accordance with the instructions outlined in the attached Schedule A.

Date	Assistant Deputy Minister

Historical Resources Act clearance is granted for the activities described on this application and its attached plan(s) / sketch(es) subject to the conditions specified in Schedule B.

Date	Signature

Historical Resources Act clearance is granted subject to Section 31 of the *Historic Resources Act*, "a person who discovers an historic resource in the course of making an excavation for a purpose other than for the purpose of seeking historic resources shall forthwith notify the Minister of the discovery". The chance discovery of historical resources is to be reported to the contacts identified within the listing.

Date	Signature

HISTORICAL RESOURCES SUMMARY TABLE

HRMB FILE NUMBER(S): ______________________ **PERMIT NUMBER:** ______________

Site Identifier	Legal Description	Site Description	Comments	HRV	Requirements (For Official Use Only)
DgOm 4 New	W4 R01 T002 S28 L08 W4 R01 T002 S28 L09	7 Stone Circles	The site is situated 5 metres to the east of the eastern boundary of the well site lease.	4	Site avoidance and/or the conduct of additional archaeological studies. A fence is to be placed between site DgOm 4 and the access road.
DgOm 5 Re-visit	W4 R01 T002 S28 L09	1 Stone Circle	The site is situated 10 metres to the northwest of the access road.	4	Site avoidance and/or the conduct of additional archaeological studies.

HISTORICAL RESOURCES CONSULTANT's SIGNATURE:

______________________	______________________	______________________
Signature	**Print Name**	**Date**

Site Identifier: Every archaeological site has a unique alphanumeric site identifier (Borden Number).

Legal Description: Use the legal description system that is used for the Alberta Archaeological Inventory e.g. W4 R01 T001 S01 L01.

Site Description: Provide a brief description of what the site contains.

Comments: Clearly state the relationship between the impact zones and/or easements associated with an activity vis-à-vis those historical resources that were recorded ("New") or re-visited ("Re-visit").

HRV : The historical resources consultant's recommendation regarding the historical resources value of those historical resources that were recorded or re-visited is to placed in this column.

WHITE AREA/RAM

APPENDIX III

LISTING OF SIGNIFICANT HISTORICAL SITES AND AREAS (FOURTH EDITION)

WHITE AREA PILOT STUDY

Including RECOMMENDED ACTION MATRIX

APPENDIX III

WHITE AREA PILOT STUDY

(Recommended Action Matrix)

The purpose of the "White Area Pilot Study" is to test whether an environmental attribute matrix can be used to determine if a Historical Resources Impact Assessment is warranted.

General Historical Resources Information

For the most part the decision, by professional staff of the CFHRD, whether a specific activity warrants the conduct of a Historical Resources Impact Assessment is based upon a multivariate comparative analysis that includes terrain identification and evaluation, presence of previously recorded historical resources, proximity to water, current land use and previous land surface disturbance factors. For the purpose of the White Area Pilot Study a much simpler approach is taken, involving the comparison between the location of the activity to the break of slope and vegetation-land use. The CFHRD recognizes that the pilot study will allow activities to occur without the prior conduct of a Historical Resources Impact Assessment in areas where archaeological resources and/or palaeontological resources may be present. However, it is hoped that the "Recommended Action Matrix" will capture most of those activities that should be the subject of a Historical Resources Impact Assessment. The operative objective is to abide by the 80/20 rule i.e. in eighty (80) percent of the cases the proposed strategy should result in the conduct of the appropriate action.

Archaeological resources: A significant percentage of the archaeological resources that occur in the White Area are situated on lands where the surface has been previously disturbed by agricultural activities. The major focus of the White Area Pilot Study is to identify intact archaeological resources. These resources would most likely occur on "undisturbed" native prairie and on landforms where sediment deposition could have resulted in the presence of buried, intact archaeological resources. The most likely areas of intact archaeological resources would occur on floodplains and other landforms that are situated within relatively broad valleys.

Palaeontological resources: The key to locating palaeontological resources within the White Area is to identify those landforms where fossil-bearing bedrock is exposed on or near the surface. Although palaeontological resources do occur above the break of slopes of valleys, the focus of the White Area Pilot Study is to identify palaeontological resources that are located below the valley breaks of drainage systems. The affected landforms include the valley slopes, benches, terraces, residual landforms (e.g. badland topography) and floodplains.

Prior to the implementation of the next edition (5th) of the *Listing of Significant Historical Sites and Areas* in the spring of 2004, the results of the White Area Pilot Study will be reviewed and discussed with other Provincial agencies, petroleum and natural gas industry representatives, and other stakeholders. Subsequently, a decision will be made as to how to best operationalize the results of the pilot study. A map illustrating the "White" and "Green" Areas is attached (refer to the "Maps" tab).

INSTRUCTIONS FOR USING THE RECOMMENDED ACTION MATRIX

When to use the matrix

The Recommended Action Matrix is to be used between July 1, 2003 and April 1, 2004 as part of the pilot study to test whether an environmental attribute matrix can be used to determine if a Historical Resources Impact Assessment is warranted. The matrix is to be completed by the applicant and/or representatives of the applicant for those activities that are targeted for lands in the White Area that have been assigned a HRV of "5" on the 4th edition of the *Listing of Significant Historical Sites and Areas*.

How to use the matrix

The Recommended Action Matrix compares the relationship of the activity to the break of slope vis-à-vis vegetation and land use. There are three (3) possible relationships between the activity and the break of slope, including: [1] above the break; [2] along the valley slope; and, [3] floodplain, terraces, bench lands. The variants of the break of slope are identified by rows while columns identify the different types of vegetation and land use. The applicant is to compare the specific row with the appropriate column. The cell that is the intersection of the break of slope row with the appropriate vegetation-land use column contains a "recommended action". The applicant is to highlight the affected cell and is to check the "recommended action" in the appropriate box in Part 14, Page 2 of the "Application for *Historical Resources Act* Clearance".

What are the recommended actions?

There are four (4) different "recommended actions" – "HRIA", "HRO", "HRIA/HRO, "31".

What to do when the recommended action is "HRIA"?

The recommended action "HRIA" indicates that a Historical Resources Impact Assessment should be carried out to determine if the activity will impact any as yet unrecorded historical resources that may be present. The applicant should not submit the "Application for *Historical Resources Act* Clearance" until the Historical Resources Impact Assessment has been completed. The "Application for *Historical Resources Act* Clearance" should be submitted at the same time as the report that discusses the results of the Historical Resources Impact Assessment. The completed Recommended Action Matrix should be attached to the application.

What to do when the recommended action is "HRO"?

The recommended action "HRO" indicates that the decision as to whether a Historical Resources Impact Assessment is necessary cannot be determined by the simple comparison of the break of slope vis-à-vis land use and vegetation. The applicant is encouraged to retain the services of a historical resources consultant to submit a Historical Resources Overview to the Protection and Stewardship Section of the Heritage Resource Management Branch. The overview should be appended to an "Application for *Historical Resources Act* Clearance" with the evaluation and recommendations placed within the space provided in Part 15, Page 2 of the "Application for *Historical Resources Act* Clearance". The completed Recommended Action Matrix should also be attached to the application. Staff will review the application, overview and Recommended Action Matrix.

If staff of the CFHRD determine that a Historical Resources Impact Assessment is required, the Assistant Deputy Minister will sign the appropriate signature box on the "Application for *Historical Resources Act* Clearance" and an attached Schedule "A" will instruct the applicant on how to address the CFHRD's historical resources requirements. If staff determine that a Historical Resources Impact Assessment is not required, the appropriate representative of the Cultural Facilities and Historical Resources Division will sign the appropriate signature box on the "Application for *Historical Resources Act* Clearance". If necessary a Schedule "B" would be attached to instruct the applicant on how to address any specific historical resource issues.

What to do when the recommended action is "HRIA/HRO"?

In those situations where the "recommended action" is "HRIA/HRO", the applicant has the choice to either retain the services of a historical resources consultant to carry out a Historical Resources Impact Assessment, or to submit a Historical Resources Overview. The choice to submit an overview would likely occur in those situations where the applicant and/or their historical resources consultants are of the opinion that a Historical Resources Impact Assessment is not warranted. The applicant is to follow the instructions that are applicable for an "HRIA" or "HRO" recommended action.

What to do when the recommended action is "31"?

The recommended action "31" refers to Section 31 of the *Historical Resources Act*. A Historical Resources Impact Assessment is not required. The applicant should submit an "Application for *Historical Resources Act* Clearance" to the Protection and Stewardship Section of the Heritage Resource Management Branch. The completed Recommended Action Matrix should be attached to the application. Normally, *Historical Resources Act* clearance will be granted with the proviso that the applicant complies with Section 31 of the *Historical Resources Act*. Pursuant to Section 31, "a person who discovers a historic resource in the course of making an excavation for a purpose other than for the purpose of seeking historic resources shall forthwith notify the Minister of the discovery". If the historic resource that is discovered is an archaeological resource or historic period site, the applicant or their representative should contact David Link, Head, Archaeological Survey. In the case of the discovery of palaeontological resources, the applicant should contact Dan Spivak, Royal Tyrrell Museum of Palaeontology. Contact information for David Link and Dan Spivak can be found in the "Contact" section of this document.

WHITE AREA PILOT STUDY

RECOMMENDED ACTION MATRIX

Vegetation/Land Use Relationship to valley break	Native Vegetation (e.g. Prairie)	Sparsely-or non-vegetated (e.g. sand dunes)	Cultivation, Tame Pasture, Cropland	Existing Industrial Site
Above valley break	HRIA	HRIA	31	31
Along valley slope	HRIA/HRO	HRIA/HRO	31	HRO
Floodplain, terraces, bench lands	HRIA	HRIA	HRIA	31

HRIA	**A Historical Resources Impact Assessment should be carried out to determine if the activity would impact any as yet unrecorded historical resources that may be present.**
HRO	**The applicant is encouraged to retain the services of a historical resources consultant to submit a "Historical Resources Overview" to the Protection and Stewardship Section of the Heritage Resource Management Branch.**
HRIA/HRO	**The applicant has the choice to either retain the services of a historical resources consultant to carry out a Historical Resources Impact Assessment, or to submit a Historical Resources Overview. The choice to submit an overview would likely occur in those situations where the applicant and/or their historical resources consultants are of the opinion that a Historical Resources Impact Assessment is not warranted.**
31	**The applicant should submit an "Application for *Historical Resources Act* Clearance" to the Protection and Stewardship Section of the Heritage Resource Management Branch. Pursuant to Section 31 of the *Historical Resources Act*, should any historic resources be encountered during the conduct of any activities, the appropriate staff of the CFHRD is to be contacted.**

OFFICE USE

APPENDIX IV

LISTING OF SIGNIFICANT HISTORICAL SITES AND AREAS (FOURTH EDITION)

HISTORICAL RESOURCES DATA, EVALUATION AND RECOMMENDATION FORM

Alberta
COMMUNITY DEVELOPMENT

Cultural Facilities and Historical Resources
Heritage Resource Management Branch

Historical Resources Data, Evaluation & Recommendation Form
Page 1
FOR OFFICE USE ONLY

HRMB File Number: ____________________

Part 1 - Historical Resources Data:

Current Land Use: ____________________

HRV: ______ Site: ____________________ HRV: ______ Site: ____________________

Part 2 - Historical Resources Overview Information:

Has a Historical Resources Overview been completed for: Archaeology ☐ Yes ☐ No Palaeontology ☐ Yes ☐ No

Historical Resources Overview attached? ☐ Yes ☐ No

Reviewed by: ____________________ Date: ____________________ ☐ I Agree with the HRO Evaluation
Archaeologist / Palaeontologist ☐ I Disagree with the HRO Evaluation

Part 3 - Archaeological Resources Evaluation and Recommendation:

Minor Borden Blocks: ____________________

Archaeological Sites in Vicinity: ____________________

Impacted Archaeological Sites: ____________________

Previous Permits in General Area: ____________________

Previous Permits in Development Area: ____________________

Potential of Project to Impact Archaeological Resources:
☐ Certain ☐ Very High ☐ High ☐ Moderate ☐ Low ☐ Unknown

Observations: ____________________

____

Recommendations:
1. HRIA is not required: ☐ No concerns/conditions ☐ Section 31 ☐ Monitoring Program (see comments)
2. HRIA is required: ☐ Section 37 ☐ With Conditions (see comments)
3. Project Approval is not recommended ☐

Comments: ____________________

____

Recommended By: ____________________ Date: ____________________
Regional Archaeologist

Approved By: ____________________ Date: ____________________
Head, Archaeological Survey

Part 4 - Historic Site(s) Evaluation and Recommendation:

Impacted Historic Sites: ____________________

Potential of Project to Impact Architectural Resources:
☐ Certain ☐ Very High ☐ High ☐ Moderate ☐ Low ☐ Unknown

Observations: ____________________

____

Comments: ____________________

____

Reviewed By: ____________________ Date: ____________________
Historian

Evaluations and Recommendations Approved By: ____________________ Date: ____________________
Manager, Archaeology & History

Alberta
COMMUNITY DEVELOPMENT

Cultural Facilities and Historical Resources
Heritage Resource Management Branch

Historical Resources Data, Evaluation & Recommendation Form
Page 2
FOR OFFICE USE ONLY

HRMB File Number:

Part 5 - Palaeontological Resources Evaluation and Recommendation:

Palaeontological Sensitivity:

Age:

Formation:

Types of Palaeontological Resources:

Exposures in General Area:

Exposures in Development Area:

Potential of Project to Impact Palaeontological Resources:
☐ Very High ☐ High ☐ Moderate ☐ Low ☐ Unknown

Observations:

Recommendations:
1. HRIA is not required: ☐ No concerns/conditions ☐ With Conditions (see comments) ☐ Section 31
2. HRIA is required: ☐ Section 37 ☐ Monitoring Program (see comments)
3. Project Approval is not recommended ☐

Comments:

Recommended By: Reviewing Palaeontologist Date:

Approved By: Director, Royal Tyrrell Museum of Palaeontology Date:

Part 6 - Internal Referral Tracking Information:

	ADMIN.	PLANNER	ARCH.	HSS.	RTMP.	PMA.
Staff Member:						
Referral Date:						
Completion Date:						

MAPS

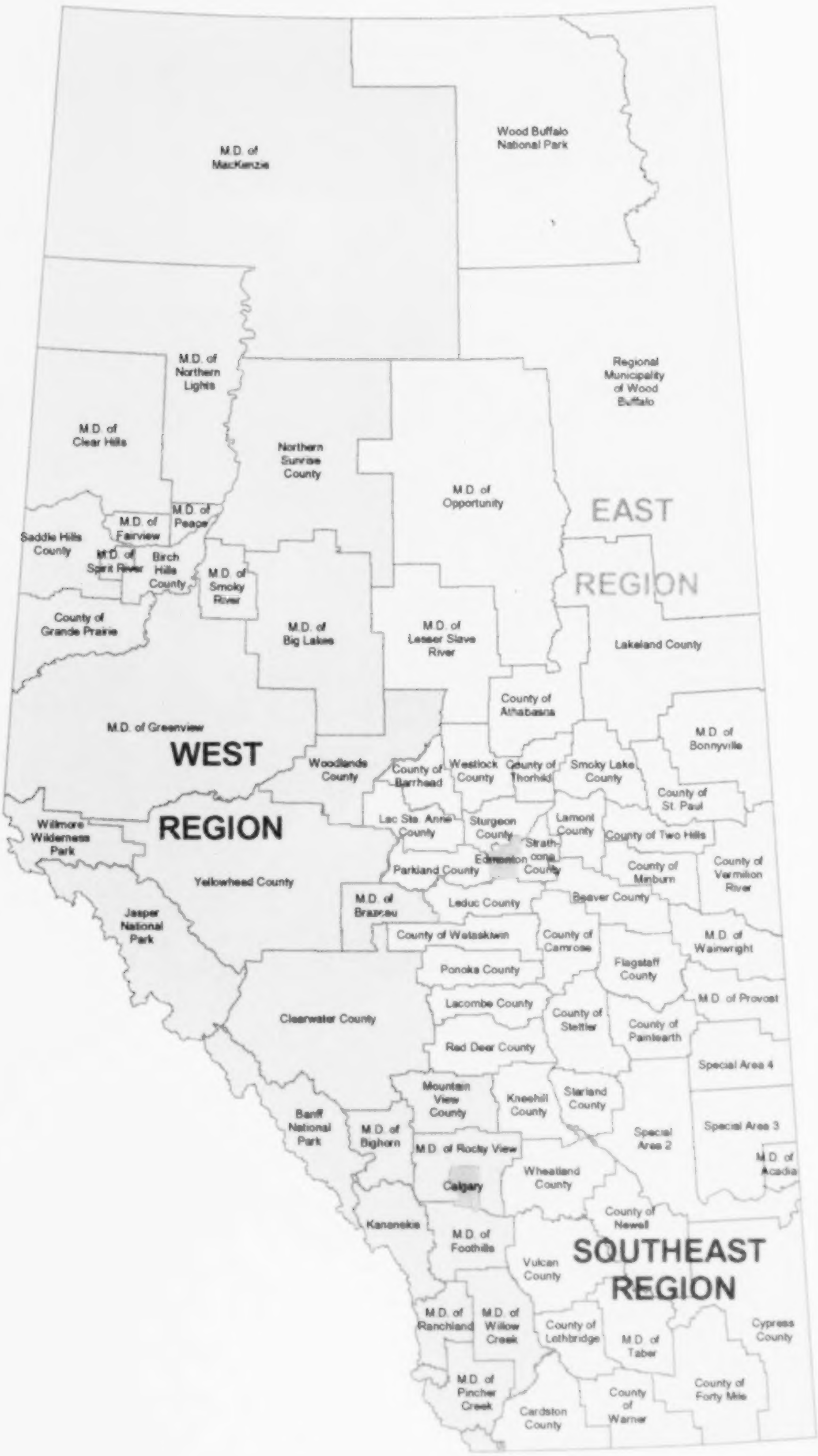
MAPS

LISTING OF SIGNIFICANT HISTORICAL SITES AND AREAS
(FOURTH EDITION)

Map 1 – Historic Resource Planning and Protection Regions

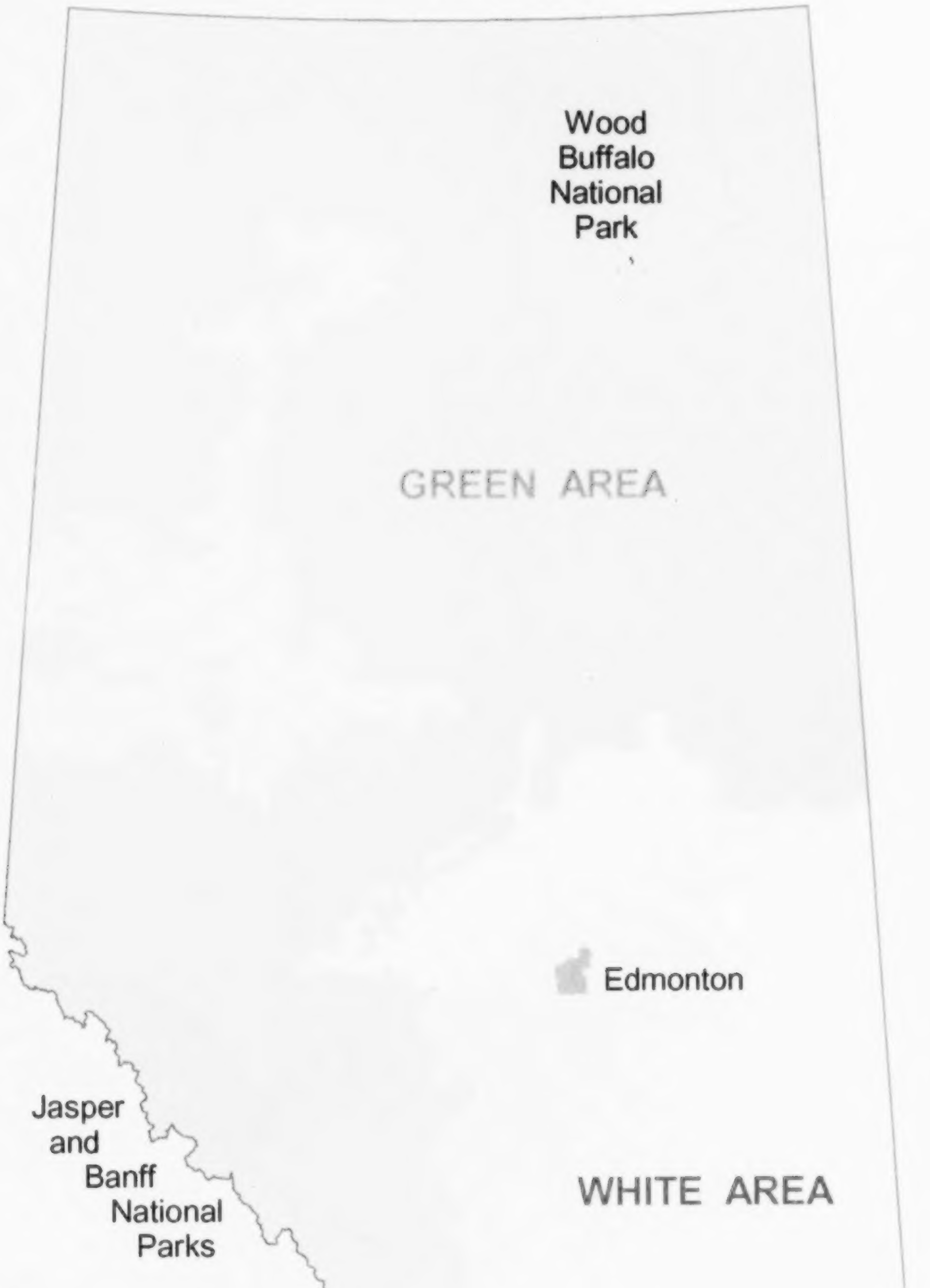
Map 2 – Green and White Areas

The maps were prepared by Public Lands Division, Alberta Sustainable Resource Development.



Map 1. Historic Resource Planning and Protection Regions

Map 2. Green and White Areas



077971878X